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CATALOGUE
OF THE
COLEOPTERA OF SCOTLAND

PRINTED BY WILLIAM BLACKWOOD AND SONS, EDINBURGH.

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CATALOGUE

OF THE

COLEOPTERA OF SCOTLAND

BY

A N D R E W M U R R A Y
OF CONLAND, W.S.

MEMBER OF THE ROYAL PHYSICAL SOCIETY OF EDINBURGH,
OF THE ENTOMOLOGICAL SOCIETY OF FRANCE,
ETC.

AIDED BY

THE REV. WILLIAM LITTLE, MESSIEURS JAMES HARDY,
ROBT. HISLOP, JOHN T. SYME, DR W. H. LOWE,
AND OTHER SCOTTISH ENTOMOLOGISTS.

WILLIAM BLACKWOOD AND SONS
EDINBURGH AND LONDON
MDCCCLIII

1853

P R E F A C E.

THE following Catalogue has been undertaken, not solely with the view of recording some additions to the Insect Fauna of Scotland, but also with the intention of correcting the synonymy of some of the species which have been established on the authority of our great British Entomological authors, where subsequent investigations have shown that species have been improperly multiplied, or new names given to species already described. I have also wished to do something towards making our British Entomologists more familiar than they are with the names generally in use on the Continent. For these reasons I have made the following list a Synonymic Catalogue.

I have adopted the arrangement of Redtenbacher, and I have done so notwithstanding some doubts of my own as to its superiority over Latreille's, partly in deference to the opinion which appears to be now generally entertained that it is the most natural, and partly because it comes nearest to that first developed and adopted by our own Stephens, and which is consequently already most in use in this country.

As regards the synonymy of Continental authors, I have followed Gaubil's catalogue, unless in one or two instances where I had reason to suppose he was in error. As to the synonymy of species described by Mr Stephens, I have had the very great advantage of the free use of my friend Mr Little's

valuable cabinet, which, with few exceptions, had passed through the hands of Mr Stephens, and been almost entirely named by him. I had thus the advantage (second only to the use of Mr Stephens' own specimens) of examining what I may call types of his species. The distance of my place of residence from London rendered it impossible to avail myself with effect of the well-known liberality with which Mr Stephens gave access to his collection : and in estimating the value of any opinion expressed in the following pages upon the synonymy of any of his species, it must be borne in mind that I proceed upon nothing further than the testimony of species named by him ; and that, although in many instances I saw numerous series so named, I have not always found the whole of the series to consist of the same insect.

I have further availed myself of Dr Schaum's two valuable papers on the synonymy of Mr Stephens' species of Geodephaga and Hydrocantharidæ, published in the *Annals of Natural History* and *Zoologist*, and of Mr Walton's papers on the Curculionidæ in the *Annals of Natural History*. I have also been benefited by M. Jaequelin Duval's paper on the genus Bembidium, published in the *Annals of the Entomological Society of France*, and by his kindness in comparing my own specimens, and favouring me with his remarks upon them. To M. Aubé, Paris, I owe similar thanks for having compared and authentically named my specimens of Cereyon, Anisotoma, Atomaria, and other minute and difficult genera ; also to M. Jekel, Paris, for having performed a similar good office to my Apions ; and to Professor Lacordaire of Liege, for having solved some doubts I had upon some of the Chrysomelidæ. I have received similar kindness from Mr Wilson Saunders and Mr Jansen, Mr White of the British Museum, and Mr Walton of London ; and I owe much to the good offices of M. Javet of Paris. I need not make similar acknowledgments for the information derived from the works of Mulsant, Heer, Redtenbacher, and others ; these are public property.

The whole of the Scottish Entomologists with whom I was acquainted, and several with whom I had no previous acquaintance, cordially aided me in making my list as complete as possible, by communicating to me their several captures. I owe special thanks to the Rev. William Little, Kirkpatrick-Juxta, Dumfriesshire, and to Mr Hardy, Penmanshiel, East Lothian,—the latter of whom was kind enough to undertake almost entirely for me the family of the Staphylinidæ, to which (of the Coleoptera) he has more particularly directed his attention; and that family will be found to show marks of the care and accuracy for which he is remarkable.

I have had the list of species found near Edinburgh made much more complete than it had previously been, by the information communicated by Dr Greville, and his son, Mr R. N. Greville, Dr Lowe, Balgreen, Mr R. F. Logan, Duddingston, and Dr Howden, Musselburgh.

My information as to the insects from Lanarkshire and the neighbourhood of Glasgow has been almost wholly received from Mr Hislop, now at Blairlodge, near Falkirk, but formerly resident in Glasgow, who was aided in his investigations in the west by Mr John Gray, and Dr Colquhoun. Mr Morris Young, Paisley, has also contributed notices of some valuable captures in his neighbourhood. Mr Hardy and Mr Hislop have added much to the list of species found in Berwickshire. East Lothian has also been thoroughly examined by Mr Hardy, a work in which he has been well aided by Mr Archibald Hepburn, near Whittingham. The Aberdeenshire localities likewise were mostly furnished by Mr Hardy.

Mr John T. Syme, now in London, Professor Fleming, of the Free Church College, Edinburgh, Mr George A. Coventry, younger of Shanwell, and myself, have more particularly worked out Fife, Perth, Kinross, and Clackmannan; and our knowledge of the insects of the eastern part of the first of these counties has been increased by the examination of a large collection made at St Andrews by Mr Harry Goodsir, one of the surgeons

of the unfortunate expedition under Franklin, which his brother, Professor Goodsir, of the University of Edinburgh, kindly intrusted to me for examination. Mr John T. Syme has also examined the Orkneys and the Island of Mull, the latter of which places has likewise been gone over by Mr Hislop and myself.

My information as to Sutherland and Ross-shire has been principally derived from Mr James Wilson of Woodville, one of the authors of the *Entomologia Edinensis*, and from Mr Horsburgh, Tongue House, and Mr Andrew Young, Bonar Bridge, Sutherland, who have been kind enough to cause collections to be made for me.

To Mr Weaver of Birmingham, and Dr Nelson of Lytham, I owe the knowledge of some interesting novelties taken in their researches in the Black forest, Rannoch.

Forfarshire has been most investigated by Dr Greville and myself; and Dumfriesshire has been made entirely his own by the Rev. Mr Little, to whom it will be seen we owe a very large proportion of the rarer Scottish captures.

In the Catalogue I have appended the name of the captors of the insect to those species which have only been taken by one or two persons. I have not, in every instance, had the opportunity of making sure, by personal inspection, that species communicated to me are authentic, but in most instances I have done so; and where I have not, the collector whose name is appended stands responsible for its correctness.

EDINBURGH, 7 NELSON STREET,
April 1853.

CATALOGUE

OF

SCOTTISH COLEOPTERA.

FAMILY CICINDELIDÆ.

CICINDELA Lin.

- C. CAMPESTRIS Lin. Steph. Occasional throughout Scotland.
C. HYBRIDA Lin. Steph.
var. maritima Dej. Steph. “ Scotland.” *Stephen's Manual.*
-

FAMILY CARABIDÆ.

ELAPHRUS Fab.

- E. CUPREUS Duft. Steph. Common on banks of lakes, &c.
uliginosus Gyll. (not Fab.
Steph.)
E. RIPARIUS Fab. Steph. Common.
E. LAPONICUS Gyll. Steph. Catlaw and Clova mountains in For-
farshire—running among the grass
in boggy places. Miss Lyell.
St Kilda. Mr J. M'Gillivray.
Edin. Phil. Jour.

BLETHISA Bon.

B. MULTIPUNCTATA Lin. Steph. Occasional on margins of lakes throughout Scotland.

PELOPHILA Dej.

P. BOREALIS Fab.

Var. Arctica Schönh.
Dejeanii Gebler.

Taken in the Mainland of Orkney
in considerable numbers.

Mr J. T. Syme.

NOTIOPHILUS Dumeril.

N. AQUATICUS Lin. Steph. Common.

N. SEMIPUNCTATUS Fab. Common.

Var. biguttatus Fab. Steph.

NEBRIA Lat. Bonelli.

HELOBIA Leach, Steph.

N. BREVICOLLIS Fab. Steph. Common everywhere.

Var. lata Newm. Steph.

Var. varicornis Newm. Steph.

N. NIVALIS Payk. Steph. Common.

Balbi Bon.

impressa Newm. Steph.

Var. Gyllenhalii Curt. Steph.

Æthiops Steph.

Var. $\begin{cases} \text{Marshallana Steph.} \\ \text{hyperborea Gyll.} \\ \text{arctica Dej.} \end{cases}$ Very plentiful under stones on tops of mountains.

LEISTUS Frähl.

L. FULVIBARBUS Hoffm. Dej.
Steph. Not rare.

L. PÆUSTUS Fab.
rufescens Fab. Dej. Steph.
terminatus Panz. Dej.

L. SPINILABRIS Fab. Steph.
rufescens Clair. Duft.
(not Steph.) Not uncommon at Pressmenan,
bruunneus Marsh. Lammermuir Hills. On birch and
oak. Mr Arch. Hepburn.

CYCHRUS *Fab.*

- C. ROSTRATUS *Lin.* *Steph.* Occasional. Generally distributed.

CARABUS *Lin.*

- C. CATENULATUS *Fab.* *Steph.* Common.
- C. MONILIS *Fab.* *Steph.* Near Edinburgh. Granton.
Sir P. Walker. Mr R. Logan.
- C. ARVENSIS *Fab.* *Steph.* Not very common.
- C. CANCELLATUS *Ill.* *Steph.* granulatus *Fab.* (not *Lin.*) Not rare.
- C. CLATHRATUS *Fab.* *Steph.* Clova mountains, Forfarsh.; Sutherlandshire. Sparingly in South of Scotland; abundant in Mull, Hebrides, &c.
- C. NITENS *Lin.* *Steph.* Scarce; but generally distributed in the mountainous parts of Scotland. More plentiful in the north.
- C. GLABRATUS *Fab.* *Steph.* North of Scotland. Not common.
- C. VIOLACEUS *Lin.* *Steph.* Occasional throughout Scotland.
- C. HORTENSIS *Fab.* *Dej.* nemoralis *Müller*, *Steph.* Common in spring everywhere.

CYMINDIS *Lat.* *Dej.*TARUS *Clair.* *Steph.*

- C. BASALIS *Gyll.* *Steph.* punctata *Bon.* *Dej.* Under stones, on tops of high hills throughout Scotland.
- humeralis *Pk.* (not *Fab.* *Steph.*)

DROMIUS *Bon.*

- D. AGILIS *Fab.* *Steph.* truncatus *Fab.* Under bark. Generally distributed.
- D. GLABRATUS *Duft.* *Steph.* Cramond. Rare. Rev. W. Little.
- D. QUADRIMACULATUS *Panz.* *Steph.* Under bark. Common.
- D. QUADRINOTATUS *Duft.* *Steph.* Under bark of fir-trees, near Edinb.
- D. FASCIATUS *Fab.* *Dej.* *Steph.* Under stones. Salisbury Craigs, Edinburgh; Berwickshire; East-Lothian; Fifeshire, &c.
- D. LINEARIS *Bon.* *Oliv.* *Steph.* punctatostriatus *Duft.* præsta *Stevens.* Throughout Scotland.

D. FOVEOLUS *Cyll.* *Steph.* Dry upland pastures. Arthur Seat ;
 punctatellus *Duft.* *Dej.* Berwickshire, &c.
 truncatellus *Lat.* (not *Lin.*
Fab.)

D. TRUNCATELLUS *Lin.* *Steph.* Cramond. Rev. W. Little.

LEBIA *Lat.*

LAMPRIAS *Bon.* *Steph.*

L. CHLOROCEPHALA *Ent.* *Heft.* Scarce. Lairig, in Sutherlandshire ;
Steph. Berwickshire ; near Paisley ; Braid
 Hills, near Edinburgh.

L. CRUX-MINOR *Lin.* *Fab.* var. β Beaten off a sallow near Luss, south
 end of Loch Lomond. Mr R. Logan.

MISCODERA *Esch.* *Steph.*

LEIOCHITON *Curt.*

M. ARCTICA *Ph.* *Steph.* On tops of high hills throughout
 Scotland.

CLIVINA *Lat.*

C. FOSSOR *Lin.* *Steph.* Common.
 Var. sanguinea *Leach.* Rare.

C. COLLARIS *Herbst.* *Steph.* Not uncommon.

DYSCHIRIUS *Pz.*

D. AENEUS *Zieg.* *Steph.* Occasional.
 pusillus *Steph.*
 aeratus *Hal.* *Steph.*
 thoracicus *Ill.* *Steph.*
 tristis *Steph.*

D. NITIDUS *Dej.* *Steph.* Dollar. Raehills, Dumfriessh.
 thoracicus *Oliv.* (not Mr J. T. Syme. Rev. W. Little.)

D. GIBBUS *Fab.* *Panz.* *Steph.* Occasional.
 globosus *Herbst.*
 minimus *Ahrens,* *Steph.*
 remotus *Marsh.*

LORICERA *Lat.*

L. PILICORNIS *Fab.* *Steph.* Common everywhere.

CHLÆNIUS *Bon.*

C. NIGRICORNIS *Fab.* *Steph.* Occasional. South of Scotland ; Edinburgh ; Perthshire ; Lanarkshire.

BADISTER *Clair.*

- B. BIPUSTULATUS *Fab.* *Steph.* Occasional.
 B. HUMERALIS *Duft.* — (*Tri-* Loch Awe. Dr Leach. *Ent. Edin.*
morphus) *Steph.*
sodalis *Duft.* *Sturm.*
dorsiger *Duft.*
confinis *Steph.*
scapularis *Steph.*

PATROBUS *Meg. Dej.*

- P. EXCAVATUS *Ph.* Occasional.
velox *Fab.*
rufipes *Gyll.* *Dej.* *Steph.*
 P. SEPTENTRIONIS *Dej.* *Schon.* Sparingly on Ben Lomond and other
alpinus *Curt.* *Steph.* Highland mountains.

SPHODRUS *Clair.*

- S. LEUCOPHTHALMUS *Lin.* *Steph.* South of Scotland. Very rare.
planus *Fab.* *Dej.*
niger *Payk.*

PRISTONYCHUS *Dej.*

- P. TERRICOLA *Ill.* *Dej.* *Steph.* Occasional in South of Scotland ;
subcyaneus *Ill.* *Gyll.* more plentiful in Sutherland and
 Ross shires.

CALATHUS *Bon.*

- C. ROTUNDICOLLIS *Dej.* Not very common.
piceus *Marsh.* *Steph.*
 C. MELANOCEPHALUS *Lin.* *Steph.* Common everywhere.
 Var. *apicalis* *Newm.* *Steph.*
 C. CISTELOIDES *Ill.* *Steph.* Common.
 C. FLAVIPES *Ph.* *Steph.* Guillane Links. A. Murray.
crocopus *Hoffm.* *Steph.*
fuscus *Steph.* (not *Fab.*)
 C. FUSCUS *Fab.* (not *Steph.*) Common.
rufangulus *Steph.*
ambiguus *Ph.*
 C. OCIIROPTERUS *Duft.* Sandy sea-shores. Not rare.
mollis *Marsh.* *Steph.*
 C. MICROPTERUS *Duft.* *Steph.* Forfarshire, Aberdeenshire, Perth-
microcephalus *Dej.* shire, &c. Mr James Wilson. *Ent. Edin.*
glabripennis *Sturm.* Musselburgh Links. Rev. W. Little.
melanocephalus var. β *Gyll.*

SYNUCHUS *Gyll. Steph.*TAPIHRIA *Bon. Dej.*

- S. VIVALIS *Ill.* Not common. Edinb., Fife, Forfar.
nivalis Panz. Dej. Steph.

ANCHOMENUS *Erichson.*(ANCHOMENUS *Bon.*)

- A. ANGUSTICOLLIS *Fab. Dej.* More plentiful in the northern than
(Platynus Steph.) southern parts of Scotland.
assimilis Ph.

- A. PRASINUS *Fab. Steph.* Common.
viridanus Oliv.

- A. ALBIPES *Fab. Erich. Steph.* Common.
pallipes Fab. Dej.
pavidus Panz.

(AGONUM *Bon. Steph.*)

- A. MARGINATUS *Lin. Steph.* Margins of lakes, &c. throughout
 Scotland.

- A. ERICETI *Knoch. Panz. Sturm.* Rare. Near Paisley. Mr Morris Young.
fulgens Steph.

- A. PARUMPUNCTATUS *Fab.* Abundant.
Steph.

- A. VIDUUS *Gyll. Erich. Steph.* Occasional.
plicicolle Steph.

- A. MÆSTUS *Sturm, Erich. Steph.* Occasional.
emarginatum Gyll. Steph.
versutum Sturm, Steph.
læve Dej. Steph.
afrum Duft. Sturm, Steph.

- A. GRACILIS *Sturm, Dej.* Dalmeny Park, near Edinburgh.
atratum Steph. Sparingly, near Paisley.

- A. THOREYI *Dej.* Raehills, Dumfriessh. Rev. W. Little.
pelidnum Steph.

- A. PICEUS *Lin. Steph.* Dollar ; Dalmeny Park ; Ormiston.
fuliginosum Steph.
Simpsoni Spence, Steph.
pullum Hoffman.
striatum Steph.
fuscipenne Steph.
gracile Steph.

A. PICTIPES *Dej. Erich. Steph.* Not rare.

OLISTHOPUS *Dej.*

O. ROTUNDATUS *Ph. Steph.* Not rare.
rotundicollis Steph. (Odon-
tonyx Steph.)

PŒCILUS *Bon.*

P. CUPREUS *Lin. Steph.* Common.
 Var. *rufifemoratus Steph.*
 Var. *versicolor Sturm,*
Steph. Not uncommon.

P. LEPIDUS *Fab. Steph.* Tollcross, near Glasgow. Mr Hislop.

ARGUTOR *Meg.*

A. STRENUUS *Ill. Panz.* Near Paisley. Mr M. Young.
pullus Gyll. Dej. (not Steph.)
diligens Steph.

A. PYGMÆUS *Sturm, Erich.* Rare.
strenuus Dej. Steph.
pullus Steph.
interstinctus Steph.
 Var. *erythropus Marsh.*
Steph. Common.

A. VERNALIS *Dej. Steph.* Occasional in Galloway and Dum-
rufomarginatus Curt. Steph. friessh. Rarer towards the North.

OMASEUS *Ziegler.*

FERONIA *Dej.*

O. NIGRITA *Fab. Steph.* Common.
rufifemoratus Steph.

O. ORINOMUM *Leach, Steph.* Found sparingly in the south, east,
Bulwerii Steph. and north of Scotland; more plen-
 tiful in the west and among the
 Isles.

O. MELANARIUS *Ill. Steph.* Abundant.
affinis Steph.

STEROPUS *Meg.*

FERONIA *Dej.*

S. MADIDUS *Fab. Steph.* Very common.
 S. ÆTHIOPS *Panz. Steph.* Not common. West of Scotland.

PLATYSMA Bon.

FERONIA Dej.

- P. NIGER Fab. Steph. Common.

ABAX Bon.

FERONIA Dej.

- A. STRIOLA Fab. Steph. Occasional throughout Scotland, but not common.

BROSCUS Panz.

CEPHALOTES Bon. Dej.

- B. CEPHALOTES Lin. Steph. vulgaris Bon. Common on sandy sea-coasts.

STOMIS Clair. Dej.

- S. PUMICATUS Panz. Dej. Steph. Occasional.

AMARA Bon.

(PERCOSIA Zimmer.)

- A. PATRICIA Creutz.
marginata Curt. Border of a heath in Berwickshire ;
very rare. Mr James Hardy.

(CELIA Zimmer.)

- A. BIFRONS Gyll. Steph.
discrepans Marsh. Forfarshire, Berwickshire.

(AMARA Zimmer.)

- A. PLEBEIA Gyll. Dej.
(not Steph.) nitida Steph. Near Edinburgh, East Lothian ;
Whittingham.

- A. COMMUNIS Fab. Steph.
similata Gyll. Dej. Steph.
montivaga Sturm. Occasional.

- A. OBSOLETA Duft. Dej. Steph. Rachills.
pratensis Sturm. Rev. W. Little.
ovata Fab. Steph.
ingenua Steph. (not Erich.)
subaenea Steph. (not Erich.)

- A. ACUMINATA *Payk.*, *Sturm.* Common.
eurynota *Ill.* *Dej.* *Steph.*
vulgaris *Fab.*
 Var. *aerata* *Kirby,* *Steph.*
- A. TRIVIALIS *Gyll.* *Dej.* *Steph.* Common.
atra *Steph.*
- A. SPRETA *Zimmer.* *Dej.* *Steph.* Fifeshire. A. Murray.
- A. VULGARIS *Lin.* *Dej.* *Steph.* Occasional.
- A. ÆNEA (*Meg.*) Common.
communis *Dej.* *Sturm.*
rufiventris *Germar.*
obtusa *Steph.*
latesceus *Steph.*
convexior *Steph.*
plebeia *Steph.*
 Var. *atrocœrulea* (*Meg.*)
Steph.
 — *atrata* *Heer.*
 — *alpicola* *Heer.*
ferrea *Sturm.*
- A. FAMILIARIS *Duft.* *Dej.* *Steph.* Common.
lævis *Sturm,* *Steph.*
lucida *Duft.* *Steph.*
cursor *Sturm,* *Steph.*
vulgaris *Müll.* var. β *Sch.*
- A. TIBIALIS *Ph.* *Dej.* *Steph.* Musselburgh Links.

(BRADYTUS *Steph.*)

- A. FERRUGINEA *Lin.* On sandy shores of lakes, &c.
fulva *Degeer.*
pallida *Fab.*
- A. APRICARIA *Fab.* *Steph.* Not rare.
torridus *Steph.*
- A. CONSULARIS *Duft.* *Steph.* Occasional.
crassus *Steph.*

(LEIRUS *Meg.* *Zimmer.*)(CURTONOTUS *Steph.*)

- A. SPINIPES *Lin.* Occasional throughout Scotland.
piecea *Fab.*
aulica *Ill.* *Gyll.* *Dej.* *Steph.*
- A. CONVEXIUSCULA *Marsh.* *Dej.* Steph. Near Edinburgh.

ANISODACTYLUS *Dej.*

A. BINOTATUS <i>Fab.</i> <i>Steph.</i>	Common in Mull; occasional near Paisley, and Glasgow.
OPHONUS <i>Zeigl.</i>	
O. OBSCURUS <i>Fab.</i> <i>Steph.</i>	Rachills. Rev. W. Little.
O. PUNCTICOLLIS <i>Payk.</i> <i>Steph.</i>	Near Edinburgh, Berwickshire.
O. PUBESCENS <i>Payk.</i> <i>Steph.</i>	On sea-coasts; near Edinburgh, East Lothian, Dumfries, &c.

HARPALUS *Latreille.*

H. TARDUS <i>Ill.</i> <i>Dej.</i> (not <i>Steph.</i>)	Occasional.
<i>rufimanus</i> <i>Marsh.</i> <i>Steph.</i>	
<i>fuliginosus</i> <i>Steph.</i>	
<i>latus</i> <i>Steph.</i>	
<i>lentus</i> <i>Sturm.</i>	
H. RUBRIPES <i>Gyll.</i> <i>Steph.</i>	Occasional; Dollar, Edinr., Fife.
<i>Petisii</i> <i>Steph.</i>	
<i>azureus</i> <i>Steph.</i>	
<i>chloropterus</i> <i>Steph.</i>	
<i>marginellus</i> <i>Steph.</i>	
<i>fulvipes</i> <i>Steph.</i>	
<i>lentus</i> <i>Steph.</i>	
H. PUNCTIGER <i>Steph.</i>	Salisbury Craigs. Ent. Edin.
H. LIMBATUS <i>Duft.</i> <i>Steph.</i>	Common.
<i>rufibarbis</i> <i>Fab.</i>	
<i>flaviventris</i> <i>Sturm.</i>	
H. AENEUS <i>Fab.</i> <i>Steph.</i>	Common.
<i>Proteus</i> <i>Payk.</i>	
<i>concinnnus</i> <i>Steph.</i>	
<i>subcoeruleus</i> <i>Steph.</i>	
H. RUFICORNIS <i>Fab.</i> <i>Steph.</i>	Common.
<i>pubescens</i> <i>Müll.</i>	

STENOLOPHUS (*Meg.*) *Dej.*ACUPALPUS *Lat.*

S. DORSALIS <i>Fab.</i> <i>Dej.</i>	Rachills.	Near Paisley.
<i>parvulus</i> (<i>Trechus</i>) <i>Steph.</i>	Rev. W. Little.	Mr M. Young.
S. BRUNNIPES <i>Duft.</i> <i>Steph.</i>	Near Paisley.	East Lothian.
<i>atratus</i> <i>Dej.</i>	Mr M. Young.	Mr Hardy.
<i>pallipes</i> <i>Steph.</i>		
S. LURIDUS <i>Dej.</i>	Moffat Hills.	Rev. W. Little.
<i>flavicollis</i> <i>Steph.</i> (not <i>Sturm.</i>)		

BRADYCELLUS Erich.

ACUPALPUS Dej.

TRECHUS Clair. Steph.

B. COGNATUS Gyll. Dej.
suturalis Steph.
Deutchii Sahlberg.
Alpinus Schön.

B. HARPALINUS Dej.
fulvus Steph.
pallidus Steph.
lapidosus Daws.

B. SIMILIS Erich.
ruficollis Steph.

B. COLLARIS Ph. Steph.

TRECHUS Clair.

T. MICROS Herbst, Steph.
rubens Duft.
planatus Duft.
sericeus Fletsch.
crassicornis Sturm.

T. MINUTUS Fab. Erich. Steph. Abundant.

tempestivus Panz.
quadrinstriatus Gyll.
rubens Clair. Dej.
aquaticus Steph.
fuscipennis Steph.
tristis Steph.
laevis Steph.

T. PALUDOSUS (*Blemus*, Steph.) Gyll. Grampian Hills ; Raehills, very scarce ; occasional, near Paisley ; Berwickshire ; Zetland.

T. SECALIS Ph. (*Epaphius*) Leach Wet soils in several parts of Ber-testaceus Fab. Mr Hislop. Mr Hardy.

AEPUS Leach.

AE. FULVESCENS Leach, Steph. Between the layers of shale below high-water mark on the coasts of East Lothian and Berwick.

AE. ROBINII Laboulbène Similar localities in the Firth of Forth.

BEMBIDIUM Lat. Dej.

1ST DIVISION. Dej.

CILLENUM Leach.

- B. LATERALE *Curtis, Steph.* Shores of the Firth of Forth, near Edinburgh—rare; shores of Clyde at Kilpatrick, in considerable numbers.
- Leachii *Dej.*
- 3D DIVISION. Dej.**
- TACHYS (*Meg.*)
- B. RUFESCENS *Dej.* Near Paisley, common under bark; melanocephalus (*Ocys.*) Bothwell.
- Steph.
- tempestivus (*Ocys.*) *Steph.*
- B. QUINQUESTRIATUM *Gyll.* Near Edinburgh; Fife; Dollar, &c.
- Pumilio *Duftsch. Dej.*
- acrocolumm *Bech.*
- currens (*Ocys.*) *Steph.*
- 4TH DIVISION. Dej.**
- NOTAPHUS *Meg. Steph.*
- B. VARIUM *Oliv.* Dumfriesshire. *Ent. Edin.*
- ustulatum *Fab. Dej.* (not *Lin.*) *Steph.*
- obliquus *Steph.* (not *Sturm*)
- semipunctatus *Don.*
- flammulatus *Duft.*
- bifasciatus *Leach, Steph.*
- nebulosus *Steph.*
- var. fumigatus *Steph. Dej.* (not *Duft.*)
- Sturmii *Duft.*
- majus var. β , *Gyll.*
- B. FLAMMULATUM *Clair.* Banks of Teviot, opposite Minto; undulatum *Sturm, Steph.* likewise in Peeblesshire, and near Anuan. *Ent. Edin.*
- majus *Gyll.*
- tinctum *Zett.*
- 5TH DIVISION. Dej.**
- B. PALLUDOSUM *Panz. Steph.* Banks of streams and lakes—local.
- littorale *Oliv. (Elaphrus.)*
- 6TH DIVISION. Dej.**
- TACHYPS *Steph.* (not *Dej.*)
- B. PUNCTULATUM *Drap.* Occasional in similar localities.
- chlorophanum *Sturm, Steph.*
- aerosum *Erich.*
- striatus *Duft. Steph.* (not *Fab.*)
- B. PALLIDIPENNE *Ill.* Shore of Loch Leven; coast of Ar-
Andreae *Gyll. Steph.* gyllshire; Firth of Forth, &c.

- B. BIPUNCTATUM *Lin.* *Steph.* Not rare on banks of streams, &c.
gracile *Ramb.*

7TH DIVISION. *Dej.*

PERYPHUS *Meg.* *Steph.*

- B. LUNATUM *And.* *Duft.* *Steph.* Rare. Raehills; Kilpatrick, Ayrshire; Berwickshire.

- B. USTULATUM *Lin.* *Jacq:* *Duv.* Common.
littoralis *Oliv.* *Steph.*
rupestris *Fab.* *Dej.*
tetraspilotus *Rudd,* *Steph.*
rupicola *Kirby.*
Andreae *Erich.*

- B. BRUXELLENSE *Wesm.* Not rare.
femoratum *Gyll.*
obscurum *Redt.*

- B. FEMORATUM *Sturm.* *Dej.* Rare. Raehills; Dumfriesshire;
Steph. near Paisley.
ustulatus *Oliv.*
concinus *Steph.*? (not *Putz.*)

- B. SAXATILE *Gyll.* *Steph.* Berwick; Raehills. Rev. W. Little.
var. elegans *Steph.*

- B. FASCIOLATUM *Duft.**
ustulatus var. *E. Payk.*
var. *A. coeruleum* *Dej.*
var. *B. atrocoeruleus* *Steph.* Not uncommon.
cyanescens *Wesm.*
cumatile *Schiode.*
var. *C. tibialis* *Duft.* *Steph.* Dumfriesshire; Dollar; Paisley;
cnemerythrus *Steph.* Whittingham.

- B. MONTICULUM *Sturm.* *Steph.* Banks of the Annan. Occasional
on high grounds in Renfrewshire.

- B. DECORUM *Panz.* not *Steph.* Not rare.
agilis *Steph.*
viridiæneus *Steph.*

- B. RUFIPES *Ill.* *Sturm.* (not *Gyll.* nor *Dej.*) Not common. Portobello; Berwickshire.
brunnipes *Dej.*
decorus *Steph.*
albipes *Steph.*
var. *A. stomoides* *Dej.*†

* The type of this very variable species, and var. A., so far as I know, are not found in Britain.—A.M.

† I have inserted the varieties of this and of the next species to complete the synonymy, but they have not yet been found in Scotland.—A. M.

- B. **NITIDULUM** *Marsh. Steph.* Dumfriesshire; Renfrewshire.
rufipes Gyll. Dej.
brunnipes Sturm.
 var. A. *brunnicornis Dej.* †
 var. B. *deletum Dej.* †
 var. C. *affinis Steph.* †
- B. **PRASINUM** *Duft. Dej.* Lochlomond; Lanarkshire; Cra-
olivaceum Gyll. Steph. mond; Berwickshire.
Leachii Steph.
- STH DIVISION. *Dej.*
- LEJA *Meg.*
- B. **LAMPROS** *Herbst.* Common.
celer Fab. (Tachypus) Steph.
rufipes Oliv.
acutus Marsh.
pulchella (Lopha) Marsh. Steph.
 var. *velox Erich.* Common.
properans Hoffm. (Tachypus)
Steph.
chalceus Steph.
orichalcicus Steph. (not Ill.)
- B. **PUSILLUM** *Gyll. (not Steph.)* Local. Dalmeny, near Edinburgh.
minima Fab. (Lopha) Steph.
atratum Sturm.
- B. **GILVIPES** *Kollar, Sturm.*
 var. *Mannerheimii Sahlb.* Raehills. Rev. W. Little.
nigra Within, Steph.
- B. **DORIS** *Ill. Dej. Er. (not Steph.)* Raehills; East-Lothian; Berwicksh.
assimilis (Lopha) Steph.
 (not *Gyll.*)
 var. *acquaticum Panz.*
minutum Fab.
 var. *aquatalis Ill.*
- B. **SCHUPPELI** *Dej.* Near Edinburgh. Occasional.
- B. **OBTUSUM** *Sturm, Dej. Steph.* (*Tachys, Steph.*) Occasional.
immunis Steph.
pusillus Steph.
gracilis Steph.
- B. **GUTTULUM** *Fab. Dej. Erich.* Not rare.
 (not *Steph.*)
riparius Oliv.
immaculatum Höpf.
binotatus (Tachys) Steph.
vittatus (Tachys) Steph.
 var. *hæmorrhous Steph.*
 var. *bisignatum Dej.*

- B. *BIGUTTATUM* *Fab.* Not rare.
riparius *Oliv.*
nigroæneum *Sturm.*
guttula *Steph.*
var. *fuscipes* *Dej.* Near Paisley. Mr M. Young.
var. *vulneratum* *Dej.* Occasional. Near Edinburgh; Pais-
biguttatum *Steph.* ley, &c.
fuscipes *Steph.*
subfenestratum *Steph.*
B. *AENEUM* *Germar.* *Steph.* (*Phi-*
lochus) Common.
marinum *Schiodte.*

9TH DIVISION. *Dej.*
LOPHA *Meg.*

- B. *QUADRIGUTTATUM* *Fab.* *Dej.*
Steph. Roxburghshire; Berwickshire, &c.
chlorocephalotes ♂ *Voet.* marshy spot near bridge No. 8,
var. *speculare* *Kuster.* over Union Canal, near Edinburgh.
B. *ARTICULATUM* *Panz.* Ben Lomond. Dr Leach. *Steph. Illust.*
pœcila *Hoffm.* *Steph.*
subglobosus *Payk.*

10TH DIVISION. *Dej.*
TACHYPUS *Meg.* *Dej.* (not
Steph.)

- B. *PALLIPES* *Duft.* *Steph.* Banks of Nith, near Dumfries. Rev. W. Little.
B. *FLAVIPES* *Lin.* *Steph.* Banks of Teviot, opposite Minto;
impressus *Fourc.* (not *Fab.*) and Tweed, near Inverleithen;
and Berwickshire; near Paisley, &c.

FAMILY DYTISCIDÆ.

- DYTISCUS** *Lin.*
- D. *MARGINALIS* *Lin.* *Steph.* Found in ponds throughout Scot-
semistriatus *Lin.* land.
- D. *PUNCTULATUS* *Fab.* *Steph.* Found in ponds throughout Scot-
semisulcatus *Müll.* land.
punctatus *Oliv.* *Erich.*
porcatus *Thunberg.*
- ACILIUS** *Leach.* *Erich.*
- A. *SULCATUS* *Lin.* *Steph.* Not rare.
cinereus *Rossi.*
Scoticus *Curt.* *Steph.*

- A. FASCIATUS *De Geer, Steph.* Taken occasionally.
canaliculatus Nicolai, Aubé.
calignosus Curtis.
sulcipennis Sahlb.
dispar Zieg. Lacord.
- COLYMBETES *Clair.*
 MELADEMA *Lap.* SCU-
 LOPTERUS *Dej.*
- C. FUSCUS *Lin. Steph.* Occasional.
striatus Dej.
- C. CONSPERSUS *Gyll. Aubé* (not
Marsh.) Forfarshire. Rev. W. Little.
notatus Lacord.
pulverosus Knob, Sturm,
Steph.
- C. NOTATUS *Fab. Gyll. Steph.* Dollar ; Falkirk ; Berwickshire.
punctatus Hoppe.
suturalis Lacord. Dej. Cal.
roridus Müll.
flavicollis Esch.
- C. COLLARIS *Payk.* Braid marshes, near Edinburgh ;
exoletus Forst. Steph. Glasgow, &c. ; abundant, but local
adspersus Panz. (not Fab.) near Paisley.
- C. BISTRIATUS *Berg. Steph.* Dollar ; Swinton, Berwickshire ;
agilis Payk. Erich. (not near Glasgow and Paisley.
Fab.)
- ILYBIUS *Erich. Aubé.*
- I. ATER *De Geer, Steph.* Near Edinburgh ; Dollar ; Kinross-
quadrinotatus Steph. shire ; Berwickshire ; Glasgow.
fenestratus Payk
- I. QUADRIGUTTATUS *Lacord.* Roxburghshire ; near Edinburgh.
Erich. Dej.
obscurus Marsh. Steph.
- I. GUTTIGER *Gyll. Sahlb. Erich.* Frequent near Paisley. Mr M. Young.
Steph.
immunis Steph.
- I. FULGINOSUS *Fab. Steph.* Common in pools.
lacustris Panz.
fœtidus Müll.
- AGABUS *Leach, Aubé.*
- A. AGILIS *Fab. Steph.* Rachills, Dumfriesshire. Rev. W. Little.
haemorrhoidalis Fab. var.
oblongus Ill. Gyll. Sturm.
ruficollis Schall.

- A. ARCTICUS *Payk. Steph.* Dollar—rare. Plentiful in the island of Mull. Mr J. T. Syme. Mr Hislop.
- A. ULIGINOSUS *Lin. Fab. Erich.* Rare. Near Edinburgh; Aberdeenshire. *Steph.*
- A. FEMORALIS *Payk. Steph.* Pools by the side of Tweed and Teviot. Near Falkirk and Paisley. *assimilis Sturm.*
- A. STURMII *Schon. Steph.* Common.
- A. CHALCONOTUS *Kugel. Panz.* Not uncommon.
Ill. Steph.
cyaneus Steph.
concinnus Marsh.
nigroæneus Marsh. Steph.
 (immature.)
aterrimus Steph.
mountanus Steph.
- A. FONTINALIS *Steph.* Not common.
vittiger Steph. (not *Gyll. Aubé.*)
- A. GUTTATUS *Payk. Steph.* Common.
fenestratus Panz. (not *Fab. Steph.*)
- A. MACULATUS *Lin. Steph.* Common.
- A. PALUDOSUS *Fab. Gyll. Steph.* Common.
 congener *Ill. (not Payk. Steph. Erich.)*
pallidipennis Lap.
striolatus Steph. (not *Gyll.*)
- A. BIPUNCTATUS *Fab. Er.* Common.
nebulosus Forst. Steph.
- A. CONSPERSUS *Marsh. Steph.* Near Musselburgh.
subnebulosus Steph. Aubé. Mr J. W. Douglas, *Entomologist*, 1831.
- A. AFFINIS *Payk.* Dumfriesshire; Fifeshire; near Glasgow; Renfrewshire, &c.
guttulus Ill.
branchiatus Bab. Steph.
- A. BIPUSTULATUS *Lin. Steph.* Common.
carbonarius Fab.
Snowdonius Newman, Steph.
- LACCOPHILUS *Leach, Aubé.*
- L. HYALINUS *De Geer, Steph.* Near Edinburgh; Berwickshire; Man. near Dollar; common near Glasgow, &c.
minutus Marsh. Gyll. Aubé.
obscurus Panz.

L. MINUTUS *Lin. Fab. Erich.*

Steph. Rare. South of Scotland. *Ent. Edin.*
interruptus *Panz.*, *Aubé.*
hyalinus *Marsh.*, *Sturm.*
Steph. Illust.

HYDROPORUS *Clair. Steph.*

HYGROTUS *Steph.*, and
HYDROPORUS *Steph.*

H. DUODECIMPUSTULATUS *Fab.* Near Edinburgh; Dollar; Dumfriesshire; Berwickshire; Renfrewshire.

H. ELEGANS *Illig.* Not frequent. Edinburgh, Fife, &c.
depressus *Aubé.*, *Steph.* (not
Fab.)
brevis *Sturm.*

H. DAVISII *Curtis, Aubé, Steph.* Common in running streams.

borealis *Aubé.*, *Steph.* (not
Gyll.)
minimus *Duft.*
alpinus *Duft.*
septentrionalis *Heer.* (not
Gyll.)

H. FRATER *Kunzé, Steph. Gyll.* Near Edinburgh; Dollar; Berwickshire.

assimilis *Sturm, Payk.*
halensis *Steph.* (not *Fab.*)
areolatus *Steph. Ill.* (not
Duft.)
affinis *Sturm.*

H. SEPTENTRIONALIS *Gyll.* Devon; Dollar; Whitadder; Esk, above Musselburgh.

fluvialis *Sturm.*
alpinus *Kunzé, Steph.* (not
Payk. Gyll.)
rotundatus *Knoch.*
striolatus *Dej.*

H. RIVALIS *Gyll.* Common in running streams.

fluvialis *Steph.*
Stephensii *Rudd, Steph.*

H. HALENSIS, *Fab. Aubé.* Raehills. Mull.

areolatus *Duft.*
griseostriatus *Steph.* (not
Degeer. Gyll. Aubé.)

Rev. W. Little. Mr Hislop and Mr Syme.

H. PICTIPES *Fab. Steph.* Raehills. Rev. W. Little.

ovalis *Thun.* (not *Steph.*)
punctatus *Marsh.*

- H. SCHONHERRI *Aubé.* ♂ Falkirk ; Loch Lomond ; Bute.
consobrinus Zetten. ♂
novemlineatus Rudd. *Steph.* ♀
nigrolineatus Gyll. *Steph.* ♀
 (not *Sturm.* *Aubé.*)
parallelus Aubé, var. ♀
- H. DORSALIS, *Fab.* *Gyll.* Raehills. Rev. W. Little.
- H. PALUSTRIS *Lin.* *Sturm.* *Steph.* Erich. Common.
sexpustulatus Fab. *Steph.*
lituratus Fab. (not *Panz.*)
proximus Steph.
 var. *Cam briensis Davis,*
Steph.
- H. ERYTHROCEPHALUS *Lin.*
Fab. *Gyll.* *Steph.* *Aubé.* Not rare.
sericeus Esch.
 var. *deplanatus Gyll.* *Aubé.*
- H. OVATUS *Sturm.* (not *Fab.*) Dollar ; Berwickshire.
latus Rudd. *Steph.*
castaneus Heer.
- H. NIGRITA *Fab.* *Gyll.* *Sturm,* Dollar ; Braid Hills, near Edinburgh ;
 Erich. (not *Steph.*) burgh ; near Paisley.
trivialis Spence, *Steph.*
- H. XANTHOPUS *Steph.* Dollar ; Swinton ; Berwickshire.
planus Steph. Man. (not
Fab.)
flavipes Steph. Ill. (not *Fab.*)
lituratus Brullé, *Aubé* (not
Fab.)
- H. PUBESCENS *Gyll.* *Aubé,* *Steph.* Not uncommon near Edinburgh ;
piceus Sturm, *Erich.* (not Kinross-shire ; near Paisley, &c.
Kirby, Steph.)
melanocephalus Marsh.
Steph. *Sturm,* (not *Gyll.*
Aubé.)
caliginosus Steph.
planus Marsh. *Steph.* Illust.
 (not *Fab.*)
fusculus Hellw.
- H. VITTULA Erich. Dollar ; Fife ; Kinross-shire ; Paisley ; Raehills, &c.
nigrita Steph. (not *Fab.*)
ambiguus Aubé.

- II. PLANUS *Fab.* *Gyll.* *Sturm,*
Erich. *Aubé,* (not *Steph.*) Near Edinburgh; Dumfriesshire;
flavipes *Fab.* Dollar.
ater *Forster,* *Steph.*
holosericeus *Marsh.* *Steph.*
- III.
- pubescens* *Steph.* (not *Gyll.*)
fuscatus *Steph.*
- H. MEMNONIUS *Nicolai,* *Erich.*
- Aubé,* *Steph.* Raehills; Dollar; Kinross-shire;
niger *Sturm,* ♂ Tweed, Berwickshire.
jugularis *Bab.* ♂ ♀
sub-elongatus *Steph.* ♂
marginatus *Steph.* ♂ immatu-
 rite (not *Duft.* *Kunzé,*
Aubé.)
deplanatus *Steph.* ♀ (not
Gyll. *Aubé.*)
castaneus *Aubé,* ♀
- H. RUFIFRONS *Duft.* *Gyll.* (not
Steph.) Berwickshire, rare; occasional near
griseus *Steph.* Paisley.
piceus *Steph.* (not *Aubé.*)
- H. ANGUSTATUS *Sturm.* *Erich.*
Aubé. Near Swinton, Berwickshire.
tristis *Steph.* (not *Payk*) Raehills.
acuminatus *Sturm.*
- H. GYLLENHALII *Schiodte,* Dalmeny. Rev. W. Little.
rufifrons *Steph.* (not *Duft.*
Gyll.)
piceus *Aubé* (not *Steph.*,
 nor *Sturm,* *Erich.*)
melanocephalus var. a. b.
Gyll.
- H. LINEATUS *Fab.* *Gyll.* *Sturm,*
Aubé, *Erich.* Near Smailholm Tower; Berwickshire.
pygmaeus *Fab.* *Steph.* Mr Hislop. Mr Hardy.
ovatus *Fab.* (not *Sturm.*)
ovalis *Marsh.* *Steph.*
- H. UMBROSUS *Gyll.* Sparingly near Paisley. Mr M. Young.
- H. PICTUS *Fab.* *Gyll.* *Steph.*
Aubé. Near Edinburgh; Berwickshire.
arcuatus *Fab.* Common near Paisley.
flexuosus *Marsh.*

- H. **LEPIDUS** *Oliv.* *Schön.* *Aubé*, Not rare. Near Edinburgh; Aberdeenshire; Berwickshire; Lanarkshire, &c.
scitulus *Spence*, *Steph.*
- H. **CONFLUENS** *Fab.* *Panz.* *Gyll.*
Steph. Raehills; near Paisley; near Falkirk.
- H. **INEQUALIS** *Fab.* *Gyll.* *Steph.*
Erich. *Aubé*, Near Edinburgh; Dumfriesshire;
parvulus *Fab.* Berwickshire; Lanarkshire, &c.
reticulatus *Steph.* (not *Fab.*)
trifidus *Marsh.*
- H. **RETICULATUS** *Fab.* *Gyll.*
Aubé, (not *Steph.*) Roxburghshire; Berwickshire.
collaris *Panz.* *Steph.*
var. *affinis* *Steph.*

HALIPLUS *Lat.*

- H. **ELEVATUS** *Panz.* *Gyll.* *Steph.* Whitadder; Water-of-Leith; Kelvin; Avon, &c.
- H. **FULVUS** *Fab.* *Clair.* *Bab.*
Erich. *Steph.* Ponds near Edinburgh; Dollar;
ferrugineus var. β *Schon.* Berwickshire; Paisley, &c.
Gyll. *Aubé*.
ferrugineus var. *Steph.* *Ill.*
interpunctatus *Marsh.*
- H. **VARIEGATUS** *Sturm*, *Erich.*
Aubé. Dollar. Mr J. T. Syme.
subnubilus *Bab.*?
ruficollis *Steph.* *Man.* (not
De Geer, *Erich.*)
margine-punctatus *Steph.*
Illig. (not *Panz.*)
- H. **RUFICOLLIS** *De Geer*, *Erich.* Not uncommon.
Steph. *Illust.*
impressus *Gyll.* *Aubé*, (not
Erich. *Ill.*)
melanocephalus *Steph.* *Illig.*
fulvicollis *Steph.*
brevis *Steph.*
rubicundus *Bab.*
var. β *margine-punctatus*
Panz. (not *Steph.*)

II. LINEATOCOLLIS Marsh. Gyll.

Steph. *Aubé.* *Erich.* Common.
bistriolatus *Duft.* *Sturm.*
trimaculatus *Drap.*

H. LINEATUS *Aubé.* Loch Leven; Swinton; Berwickshire.
confinis *Steph.*

H. OBLIQUUS *Fab.* *Panz.* *Steph.* Whitadder; Berwickshire.
confluens *Fab.*
marmoreus *Oliv.*

FAMILY GYRINIDÆ.

GYRINUS Geoff.

G. MINUTUS *Fab.* *Steph.* Near Hawick; Water-of-Leith, and
bicolor *Oliv.* (not *Payk.*) Braid ponds, near Edinburgh;
 Berwickshire; near Paisley.

G. NATATOR *Lin.* *Gyll.* *Steph.* In ponds. Common everywhere.
Aubé.
 var. *substriatus* *Steph.*

G. MARINUS *Gyll.* *Ahr.* *Erich.* Duddingston Loch, and Lochend—
Aubé. *Steph.* Canal near Glasgow and Paisley;
natator *Fab.* (not *Lin.*) Linlithgow Loch.
aeneus *Steph.* var. *major*
 (not *Aubé.*)
aeratus *Steph.* var. *minor*.
dorsalis *Gyll.* var.

ORECHTOCHILUS Esch.

O. VILLOSUS *Fab.* *Gyll.* *Steph.* In the Jed, near Jedburgh; Earlston; Loch Lomond; Kelvin; abundant in Eden, near Nenthorn.

FAMILY HYDROPHILIDÆ.

HELOPHORUS *Fab.*

H. NUBILUS *Fab.* *Steph.* Not rare.
cinereus *Marsh.*

H. GRISEUS <i>Brullé.</i>	Not scarce.
intermedius <i>Dej. Mulsant.</i>	
H. AQUATICUS <i>Lin. Steph.</i>	Common.
α eneus <i>Illig.</i>	
flavipes <i>Herbst.</i>	
stagnalis <i>Marsh.</i>	
grandis <i>Illig.</i>	
H. GRANULARIS <i>Lin. Steph.</i>	Common.
flavipes <i>Fab.</i>	
aquaticus <i>Fab.</i>	
griseus <i>Herbst.</i>	
affinis <i>Marsh.</i>	
H. DORSALIS <i>Marsh.</i>	Dollar.
	Mr J. T. Syme.
H. FENNICUS <i>Payk.</i>	Occasional ; near Edinburgh ; Berwickshire ; Aberdeenshire.

HYDROCHUS *Germar.*

H. BREVIS <i>Herbst. Steph.</i>	Braid Hill marshes, near Edinburgh. Abundant. Common in Cart, near Paisley.
H. ELONGATUS <i>Schaller, Steph.</i>	South of Scotland, near Edinburgh. cicindeloides <i>Marsh.</i>
H. AUGUSTATUS <i>Müller, Ger-</i> <i>mar.</i>	Braid Hill marshes, near Edinburgh ; Swinton, Berwickshire ; near Glasgow.
<i>elongatus Oliv.</i>	
<i>crenatus Steph.</i> (not <i>Fab.</i>)	
<i>bicolor Dahl.</i>	

OCHTHEBIUS *Leach, Lat.*ENICOERUS *Curtis.*

O. MARINUS <i>Payk.</i>	Dalmeny Park, in a marsh by the shore.
meridionalis <i>Dej.</i>	Rev. W. Little.
pallidipennis <i>Frivaldsky.</i>	
O. EXCULPTUS <i>Müll. Germ.</i>	Teviot, Leith, Devon, Cart, &c.
♂ var. α . <i>viridiænens Curtis.</i>	Not scarce.
♀ var. β . <i>Gibsonii Curtis.</i>	
♂ <i>tristis Curtis.</i>	
<i>sulcicollis Lintz.</i>	
O. PYGMAEUS <i>Fab.</i>	Swinton—sea coast, near Cock- burnspath.
<i>minimus Fab.</i>	Mr James Hardy.
<i>riparia (Hydraena) Illig.</i>	
(not <i>Steph.</i>)	
<i>impressus Marsh.</i>	

HYDRÆNA *Kugelan.*

- H. RIPARIA *Kug.* *Steph.* Common.
minimus Payk. (*Helophorus.*)
longipalpis Marsh.
Kugellani Leach.
- II. NIGRITA (*Müll.*) Berwickshire. Mr Hardy.
pusilla Steph.

LIMNEBIUS *Leach,* *Solier.*

- L. TRUNCATELLUS *Thunb.* *Fab.* Not scarce.
Erich. (not *Steph.*?)
parvulus Herbst.
affinis Steph.
ater Steph.
- L. NITIDUS *Marsh.* *Steph.* Not common. Water - of - Leith ;
truncatellus Steph. ? Berwickshire.
- L. NIGRINUS *Marsh.* *Steph.* Occasional. Near Edinburgh ; River
nigricans Curt. Annan, near Moffat ; Berwick-
lutosus Marsh. *Steph.* shire.

BEROSUS *Leach,* *Lat.*

- B. LURIDUS *Lin.* *Fab.* Dumfriesshire. Rev. W. Little.
(not *Steph.*)
fuscus De Geer.
globosus Curt. *Steph.* ?

HYDROBIUS *Leach.*

- H. FUSCIPES *Lin.* *Steph.* Common.
aquaticus Lin.
scarabæoides Fab.
- H. GLOBULUS *Payk.* (*Laccobius*) Common.
Steph. Syn.
limbatus Fab. *Steph.* Man.
minutus Oliv. *Marsh.* *Steph.*
var. *bipustulatus Marsh.*
Steph.
similis De Castelnau.

LACCOBIUS *Erich.*

HYDROBIUS *Steph.*

L. MINUTUS *Lin. Erich. Müll.* Common.(not *Steph.*)*chrysomelinus Müll.**coccinelloides Schrk.**marginellus Herbst.**bipunctatus Fab. Marsh.**Steph.**var. striatulus Fab. Steph.**var. pallidus De Castel.**var. colon Steph.***PHILHYDRUS Solier.****HYDROBIUS Steph.****P. MELANOCEPHALUS** *Oliv. Gyll.* Not common. Fifeshire; near Paisley.*Steph. Muls.**ochropterus Marsh. Steph.**minutus Payk.**marginatus Duft.**dermestoides Marsh.**quadripunctatus Herbst.**bicolor Fab.**var. testaceus Fab. Steph.* Dollar.

Mr J. T. Syme.

*Muls.**torquatus Marsh. Steph.**grisescens Sturm.**fulvus Marsh. Steph.***P. MARGINELLUS** *Fab. Steph.* Near Paisley, rare Dollar.*affinis Payk. Gyll. Steph.*

Mr. M. Young.

Mr J. T. Syme.

*var. minutus Fab.**margipallens Marsh.***CYLLIDIUM** *Erich.***CHAETARTHRIA** *Water.***CÆLOSTOMA** *Brullé.***C. SEMINULUM** *Payk.* Among sphagnum, Berwickshire.*nigrinus (Dermestes) Marsh.*

Mr J. Hardy.

*hemisphericus Dej.***CYCLONOTUM** *Dej.**Erich.***CÆLOSTOMA** *Brullé.***C. ORBICULARE** *Fab. Steph.* Scarce. West end of Duddingston Loch; near Paisley; Kilmun.

SPHÆRIDIUM *Fab.*

- S. SCARABEOIDES *Lin.* *Steph.* Common.
quadrimaculatum Schrank.
Steph.
bipustulatum Herbst. (not
Steph.)
- S. BIPUSTULATUM *Fab.* *Steph.* Not rare.
hæmorrhoum Schrank.
testudinarium Fourc.
marginatum Scriba, Fab.
Steph.
scarabæoides Laich. (not
Lin. Steph.)
semistriatum De Cast.
quadrimaculatum Marsh.
 (not *Schrank, Steph.*)
Daltoni Kirby, Steph.

CERCYON *Leach.*

- C. OBSOLETUM *Gyll.* *Steph.* *Muls.* Occasional.
lugubre Oliv. *Marsh.*
 (not *Erich. Heer, Muls.*)
atomarium Payk.

- C. HÆMORRHOIALE *Fab.* *Steph.* Common.
Muls.
melanocephalum var. β Illig.
obsoletum De Castel.
piccum Marsh. Steph.
 var. *impressum Sturm.* Rare. Near Edinburgh.
Steph.

- C. HÆMORRHOUUM *Gyll.* *Steph.* Near Edinburgh. Rare. A. Murray.
Muls.
haemorrhoidale Fab.
melanocephalum var. β Illig.
xanthorrheum Leach, Steph.

- C. LATERALE *Marsh.* *Steph.* Not uncommon.
Muls.

- C. QUISQUILIJUM *Lin.* *Steph.* ♂ Common.
Muls.
minimus ? Scop.
xanthopterum Laich.
unipunctatum Fab. Steph. ♂
melanocephalus var. Herbst.
dispar Payk. ♂
 var. *flavum Marsh. Steph.*

C. UNIPUNCTATUM *Lin.* *Muls.* Common.cordiger *Fuessly.*dispar *Payk.* ♀quisquilibrium *Steph.* ♀C. CENTRIMACULATUM *Sturm.* Edinburgh; Dumfriesshire; Kinross-shire, &c.; common.Erich. *Muls.*pygmæum *Gyll.* (not *Ill.*)*Muls. Steph.*)bimaculatum *Steph.*ustulatum *Kirby. Steph.*inustum *Marsh. Steph.*nubilipenne *Steph.*C. PYGMÆUM *Illig.* *Steph.* Not uncommon.*Muls.*stercorator *Steph.*ferrugineum *Herbst.* (not *Steph.*)var. conspurcatum *Sturm.* Dumfriesshire.

Rev. W. Little.

*Steph.*var. merdarium *Sturm.* Roxburghshire.

Ent. Edin.

(not *Steph.*)C. LITTORALE *Gyll.* *Steph.* Under decaying rejectamenta on all *Muls.* the coasts.ruficorne *Kirby. Steph.*binotatum *Steph.*dilatum *Steph.*C. FLAVIPES *Fab.* *Steph.* *Muls.* Common.haemorrhoidale *Sturm.*melanocephalum *Gyll.*suturale *Steph.*femorale *Steph.*picinum *Steph.*C. MELANOCEPHALUM *Lin.* Common.*Steph. Muls.*C. MINUTUM *Fab.* *Steph.* *Muls.* Near Edinburgh; Kinross-shire; triste *Ill.* (not *Gyll.*) Dumfriesshire, &c.lævигатум *Kirby. Steph.*convexior *Marsh. Steph.*convexus *Kirby. Steph.*convexusculum *Marsh. Steph.*C. ANALE *Payk.* *Erich.* Near Edinburgh; Raehills; Aberdeenshire; Paisley; Berwickshire, terminatum *Marsh. Steph.* &c.flavipes *Thunberg.*apicale *Steph.*infuscatum *Steph.*var. marginellum *Payk.*

MEGASTERNUM *Mulsant.*CERCYON *Steph.*M. BOLETOPHAGUM *Erich.*

<i>Muls.</i> <i>Steph.</i>	Common.
<i>acutum</i> <i>Steph.</i>	
<i>immune</i> <i>Kirby, Steph.</i>	
<i>stercorarium</i> <i>Marsh, Steph.</i>	
<i>immaculatum</i> <i>Kirby, Steph.</i>	
<i>laeve</i> <i>Marsh, Steph.</i>	
<i>contaminatum</i> <i>Kirby, Steph.?</i>	
<i>ferrugineum</i> <i>Marsh, Steph.?</i>	
<i>concinnum</i> <i>Marsh, Steph.?</i>	
<i>fuscescens</i> <i>Steph.?</i>	
<i>immundum</i> <i>Steph.?</i>	

CRYPTOPLEURUM *Mulsant.*CERCYON *Steph.*C. ATOMARIUM *Fab.* *Steph.* Common.

<i>crenatum</i> <i>Panz.</i> <i>Steph.</i>	
<i>minutum</i> <i>Payk.</i> (not <i>Steph.</i>)	
<i>merdarium</i> <i>Steph.</i>	
var. <i>sordidum</i> <i>Marsh.</i>	
<i>Steph.</i>	

FAMILY PARNIDÆ.

PARNUS *Fab.*DRYOPS *Lat.*P. PROLIFERICORNIS *Fab.* Not rare.

<i>Panz.</i> <i>Steph.</i>	
<i>auriculatus</i> <i>Oliv.</i>	
<i>sericeus</i> <i>Leach.</i>	
<i>niveus</i> <i>Heer.</i>	
var. <i>impressus</i> <i>Curtis.</i>	
var. <i>bicolor</i> <i>Curtis.</i>	

P. AURICULATUS *Ill.* *Panz.* *Lat.* Not rare.*Steph.*

FAMILY ELMIDÆ.

ELMIS *Lat.*E. ÆNEUS *Steph.* *Müller.* Dumfriesshire; Dollar; Whitadder;Megerlei *Duft.* Berwickshire.

- E. VOLKMARI *Lat. Panz.* Tweed ; Teviot ; Water-of-Leith ;
Cart ; Devon, &c.
- E. PARALLELOPIPEDUS *Ill.* Devon, at Dead Waters. Not rare
(*Stenelmis*) *Steph.* in southern counties.
- E. CUPREUS *Steph. Müller.* Water of Dryfe ; Dumfriesshire ;
Berwickshire.
- E. DARGELASII *Lat.* Waters in south and middle of Scot-
tuberculatus *Mull.* (not land.
Gyll.)
- E. variabilis *Leach, Steph.*
- E. LACUSTRIS *Spence, Steph.* Banks of Teviot opposite Minto.
Rather plentiful. Whitadder.
- E. RUGOSUS *Bab.* Whitadder and Blackadder, in Ber-
wickshire.
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FAMILY HETERO CERIDÆ.

HETEROCERUS *Bosc. Fab.*

- H. MARGINATUS *Fab.* Marshy ground near the shore in
Dalmeny Park ; Berwickshire ;
near Cambuslang.
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FAMILY SILPHIDÆ.

NECROPHORUS *Fab.*

- N. HUMATOR *Fab. Steph.* Common under carcases.
- N. VESPILLO *Lin. Fab. Steph.* Not very common.
- N. VESTIGATOR, *Hersch. Steph.* Common.
sepultor *Gyll.* (not *Charp.*
Steph.)
- var. interruptus *Steph.* Occasional.
(not *Dej.*)
- N. MORTUORUM *Fab. Steph.* Not very common.

NECRODES *Wilkin.*

- N. LITTORALIS, *Lin. Fab. Steph.* Common under carcases.
clavipes *Sulzer.*
var. lividus *Fab.*
simplices *Dej.*

SILPHA Lin. Fab.

OICEOPTOMA Leach.

PHOSPHUGA Leach.

S. THORACICA Lin. Fab. Steph.	Occasional
S. RUGOSA Lin. Fab. Steph.	Plentiful.
S. SINUATA Fab. Oliv. Steph.	Rare. Dumfriesshire; and near Edinburgh; Flisk, in Fifeshire.
S. DISPAR Herbst, Steph.	Rare. Under rejectamenta, on shores of Lochleven.
S. OPACA Lin. Fab. Steph.	Not common. Kinross-shire; Edinburgh; Berwickshire; Aberdeen-shire; Lanarkshire, &c.
S. QUADRIPIUNCTATA, Lin. Fab. Steph.	Very rare. Near Edinburgh; Perthshire.
S. TRISTIS Illig. Steph.	Not common. Near Edinburgh.
S. OBSCURA Lin. Fab. Steph.	Not common, but generally distributed.
S. NIGRITA Creutzer, Steph.	Not rare.
(PHOSPHUGA Leach.)	
S. ATRATA Lin. Fab. Steph.	Common.

SPHÆRITES Duft.

HISTER Fab.

S. GLABRATUS Fab. Duft. Steph.	Berwickshire. A single specimen.
	Mr Jas. Hardy.

CATOPS Fab. Steph.

CHOLEVA Lat. Steph.

PTOMAPHAGUS, Ill. Steph.

HYDROPHILUS Fab.

C. ANGUSTATUS Fab. Steph.	Occasional.
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(Choleva Steph.)

agilis Fab. (not Illig.)

elongatus Payk.

rufescens Illig. (not Fab.)

oblongus Lat. Spence.

cisteloides Froehl.

C. FUSCUS Panz. Steph.	Portobello; near Paisley; Berwickshire; Dumfriesshire.
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sericeus Payk. Spence.

rufescens Fab. (not Ill.)

C. UMBRINUS Erich.	Paisley.	Mr Morris Young.
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C. NIGRICANS Spence.

fornicatus De Geer, Steph.

Soror Newm. Steph.?

Occasional.

C. PICTIPES <i>Fab.</i>	Near Edinburgh. Kirkeudbright;
sericeus <i>Spence.</i>	Dumfriesshire.
C. GRANDICOLLIS <i>Erich.</i>	Dumfriesshire; Paisley.
C. TRISTIS <i>Panz.</i> <i>Spence.</i>	Near Edinburgh; near Paisley.
clavicornis <i>Forst.</i> <i>Steph.</i>	Carfin; Raehills; Berwickshire; Aberdeenshire.
C. LEACHII <i>Spence.</i> <i>Steph.</i>	Near Edinburgh. <i>Ent. Edin.</i>
C. SPENCII <i>Steph.</i>	Raehills. <i>Rev. W. Little.</i>
C. CHRYSOMELOIDES <i>Panz.</i> <i>Lat.</i>	Near Edinburgh. Not common.
	East Lothian; Berwickshire.
C. ELONGATUS <i>Steph.</i>	Dumfriesshire. <i>Rev. W. Little.</i>
C. FESTINANS <i>Spence.</i> <i>Steph.</i>	Guillane Links, East Lothian; Dumfriesshire; Paisley, &c.
montivagus <i>Heer.</i> ?	
rotundicollis <i>Kellner?</i>	
C. FULIGINOSUS <i>Erich.</i>	Kinross-shire; Dumfriesshire; Edinburgh.
Kirbii <i>Spence.</i> <i>Steph.</i>	
C. FUMATUS <i>Spence.</i> <i>Erich.</i>	Dumfriesshire, and near Edinburgh;
Steph.	Berwickshire; near Paisley;
agilis <i>Fab.</i>	Aberdeenshire; Dollar, &c.
nigricollis <i>Sturm.</i>	
Watsoni <i>Spence.</i> <i>Steph.</i>	
Frater <i>Newm.</i> <i>Steph.?</i>	
C. VELOX <i>Spence.</i> <i>Erich.</i> <i>Steph.</i>	Near Edinburgh; Dumfriesshire;
Wilkinii <i>Spence.</i> <i>Steph.</i>	Renfrewshire; Berwickshire.
nubifer <i>Newm.</i> <i>Steph.</i>	
C. SERICEUS <i>Fab.</i> <i>Panz.</i>	Common.
(not <i>Payk.</i> nor <i>Spence.</i>)	
truncatus <i>Illig.</i> <i>Steph.</i>	
villosus <i>Lat.</i> <i>Spence.</i>	
picipes <i>Kugellan.</i>	
C. PRÆCOX <i>Erich.</i>	Dumfriesshire. <i>Rev. W. Little.</i>
C. ANISOTOMOIDES, <i>Spence,</i>	Not common. Berwickshire; near
<i>Steph.</i>	Edinburgh, &c.
C. DAVISII <i>Steph.</i>	Castle Campbell, near Dollar; Nenthorpe.
 COLON Herbst.	
MYLAECHUS <i>Lat.</i> <i>Steph.</i>	
CATOPS, <i>Sahlb.</i> <i>Gyll.</i>	
C. CLAVIGER Herbst.	Dumfriesshire. <i>Rev. W. Little.</i>
C. DENTIPES <i>Sahlb.</i>	Near Edinburgh; Dumfriesshire.
C. BRUNNEUS <i>Spence.</i> <i>Lat.</i>	Near Edinburgh; Berwickshire; in
	moss near Paisley.
C. FUSCULUS <i>Erich.</i>	Dumfriesshire. <i>Rev. W. Little.</i>

LEPTINUS Müller.

L. TESTACEUS Müller, Hardy. Near Paisley. Mr Morris Young.

FAMILY PTILIDÆ.

TRICHOPTERYX Kirby,
Steph.

- T. FASCICULARIS Herbst. In putrid fungi, &c.
atomaria Steph. (not
De Geer.)
minutissima Marsh.
lata Motsch.
grandicollis Erich. (not
Mark.)

T. DEPRESSA Sturm. On wall-tops near Edinburgh.

- sericans Heer.
volans Motsch.
acuminata Motsch.
bovina Motsch.

A. Murray.

PTILIUM Schülp. Erich.

TRICHOPTERYX Heer.
Alib. Steph.

P. KUNZEI Heer. Wall-top, Slateford; Barnton.
nana Steph.
longicorne Markel, (not
Motsch.)

P. MINIMUM Herbst. Steph. Near Edinburgh; Dalmeny, &c.
foveolatum Allibert.
excavatum Mark.
limbatum Motsch. (not
Heer.)
Gallicum Motsch.

PTENIDIUM Erichson.

ANISARTHRIA Steph.
TRICHOPTERYX Heer.
Alib. Gillm.

P. PUSILLUM Gyll. (*Scaphi-*
dium, Gyll.) Steph.
nitidum Heer, (not Steph.)
quadrifoveolatum Allib.

Cramond. Roslin.

Ent. Edin.

P. PERPUSILLUM *Marsh. Steph.* Rachills ; Girrick, Nenthorn.
melas Marsh. Steph.
nitidum Steph.

P. NITIDULUM *Marsh. Steph.* Cramond. Rev. W. Little.

FAMILY ANISOTOMIDÆ.

HYDNOBIUS *Schmidt.*

ANISOTOMA *Sturm.*

LEIODES *Steph.*

H. PUNCTATISSIMUS *Steph.* Dalmeny Park. Mr R. N. Greville.

ANISOTOMA *Knoch.*
Schmidt.

TETRATOMA *Panzer.*

LEIODES *Steph.*

A. CINNAMOMEA *Panz. Steph.* Vicar's Bridge, Dollar. Mr J. T. Syme.

A. PICEA *Illig. Steph.* consobrina *Sahl.* Near Edinburgh ; Paisley.

A. OBESA *Schmidt.* var. b. *picea Gyll.* armata *Payk. Steph.* Near Musselburgh. Ent. Edin.

A. DUBIA *Illig.* Var. *rufipenne Payk. Steph.* Dalmeny Park, Cramond ; Berwickshire ; Kinross-shire.

A. FERRUGINEA *Gyll. Steph.* arenaria *Rudd. Steph.* suturalis *Steph.* testacea *Steph.* Near Edinburgh ; Dumfriesshire ; Kinross-shire.

A. OVALIS *Schmidt.* Marshami *Steph.* Dumfriesshire ; Kinross-shire.

A. CALCARATA *Schm.* thoracica *Steph.* Dillwynii *Steph.* Near Edinburgh ; Dumfriesshire.

A. LITURA *Steph.* Dumfriesshire ; Edinburgh. Rev. W. Little.

A. PALLENS *Sturm.* Cramond. Rev. W. Little.

A. BADIA *Sturm. Steph.* (not Schmidt.) laevicollis *Sahl.* Cramond. Rev. W. Little.

A. PARVULA *Sahl.* brunnea *Gyll. Steph.* Gyllenhali *Steph.* Badia *Schmidt, (not Sturm.)* Dalmeny Park ; Berwickshire ; Girrick, Nenthorn.

A. MULTISTRIATA <i>Gyll. Steph.</i>	Dalmeny Park.	Mr R. N. Greville.
A. CASTANEA <i>Illig. Steph.</i> (not <i>Kug.</i>)	Roslin. Cramond.	<i>Ent. Edin.</i>
A. MARITIMA <i>Rudd. Steph.</i>	Joppa, near Edinburgh ; Cramond.	
	Mr J. T. Syme.	Rev. W. Little.
A. POLITA <i>Mar. Steph.</i> <i>castanea Mar.</i> (not <i>Kug.</i> nor <i>Steph.</i>)	Dumfriesshire ; near Edinburgh ; Kinross-shire.	
A. NIGRICOLLIS <i>Steph.</i>	Cramond.	Rev. W. Little.

COLENIS *Erich.***ANISOTOMA** *Schmidt.***LEIODES** *Steph.*

C. DENTIPES <i>Gyll.</i>	Rare. Cramond ; Dalmeny ; Ber-	wickshire ; Hamilton ; Paisley.
<i>aciculata Steph.</i>		
<i>immundum (Sphaeridium)</i> <i>Sturm.</i>		

LIODES *Erich.***ANISOTOMA** *Knoch. Dej.***LEIODES** *Lat. Steph.*

L. HUMERALIS <i>Kug. Steph.</i>	In fungi. Edinburgh ; Dollar ; Paisley ; Berwickshire ; Aber-	deenshire, &c.

AMPHICYLLIS *Erich.***AGATHIDIUM** *Sturm. Steph.*

A. GLOBUS <i>Fab. Steph.</i>	Kelvin Bank ; Cramond ; Mussel-	burgh.
<i>ruficollis Oliv.</i>		
var. <i>staphylaeum Gyll.</i>		
<i>ferrugineum Sturm. Steph.</i>		

AGATHIDIUM *Ill.*

A. NIGRIPENNE <i>Kug. Panz.</i>	Scarce near Edinburgh. Local, but plentiful, near Paisley.	
A. ATRUM <i>Steph. (Sphaeridium)</i> <i>Payh.</i>	Scarce near Edinburgh. Berwick-	shire and East Lothian. Not rare
<i>rufipes Steph.</i>		near Paisley.
A. SEMINULUM <i>Lin. Gyll. Steph.</i>	Berwickshire and Aberdeenshire.	
<i>globosum Illig.</i>		Mr Jas. Hardy.
A. LAEVIGATUM <i>Erich.</i>	Wall-tops, in autumn. Cramond.	

- A. NIGRINUM *Sturm. Steph.* Dalmeny Park ; Cramond.
orbiculare *Steph.*
- A. PUNCTULUM *Beck.* Corstorphine Hill. Common near
nanum *Steph.* Paisley.
- A. MINUTUM *Sturm. Steph.* Berwickshire. Mr James Hardy.
- A. CARBONARIUM *Sturm. Steph.* Raehills. Rev. W. Little.

CLAMBUS *Fischer.*

- C. ENSHAMENSIS *West. Steph.* Raehills ; near Edinburgh ; Ber-
wickshire.
- C. ARMADILLUS *De Geer, Steph.* Girrick, Nenthorn. Mr Hislop.
cephalotes *Dej.*
convexus *Marsh.*
- C. NIGRICLAVIS *Rudd. Steph.* Kelvin, in moss. Mr Hislop.
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FAMILY PHALACRIDÆ.

PHALACRUS *Payk.*

- Ph. CORRUSCUS *Panz. Steph.* Dumfriesshire. Under bark, near
fimetarius *Fab.* Berwick.
ater *Panz.* Rev. W. Little. C. C. Babington.
- Ph. SUBSTRIATUS *Gyll. Steph.* Girrick, Berwickshire. Mr R. Hislop.
Mille-folii *Steph.* (not *Payk.*)
Gyll.
trichopus *Waltl.*
punctato-striatus *Waltl.*
- Ph. CARICIS *Sturm. Steph.* Dumfriesshire. Rev. W. Little.
Mille-folii *Gyll. Ill.*
punctulatus *Dej.*

OLIBRUS *Erich.*PHALACRUS *Payk. Steph.*

- O. CORTICALIS *Schön. Steph.* " Ravelstone Wood ; under the bark
stercoreus *Fab.* of firs in winter." Kinross-shire.
Dr Leach. Ent. Edin. A. Murray.
- O. BICOLOR *Fab. Steph.* var. *flavicornis Sturm.* Dumfriesshire. Rev. W. Little.
Steph.

- O. *AENEUS Illiger, Fab. Steph.* Generally distributed.
ovatus Marsh. Steph.
cognatus Steph.
- O. *PICEUS (Knoch) Steph.* Dumfriesshire. Rev. W. Little.
-

FAMILY NITIDULIDÆ.

CERCUS *Lat. Erich.*

CATERETES *Heer. Steph.*

- C. *PEDICULARIUS Lin. Fab.* Berwickshire and East Lothian. Mr James Hardy.
Steph.
truncatus Fab.
Spirææ (Anisocerus) Howitt,
Steph.

C. *BIPUSTULATUS, Payk. Steph.* Occasional.

BRACHYPTERUS *Kug.*

CATERETES *Steph.*

- B. *URTICÆ Fab. Steph.* Very common.

CARPOPHILUS *Leach,*
Steph.

- C. *HEMIPTERUS Lin.* Edinburgh—a single specimen ; (introduced from abroad.) A. Murray.
flexuosus Payk. Steph.
bimaculatus Oliv.
cadaverinus Fab.
Ficus Fab.

- C. *QUADRISIGNATUS Erich.* Edinburgh—in a box of figs from Smyrna ; (likewise introduced.) Dr Lowe.

EPURÆA *Erich.*

NITIDULA *Fab. Steph.*

- E. *AESTIVA Lin. Steph. (not Ill.)* Common near Edinburgh ; East Lothian ; Aberdeenshire.
depressa Gyll. (not Lin.)
obsoleta Herbst, Steph.
villosa Thun. Steph.
ochracea Erich.

- E. *OBSELETA, Fab. Steph.* Linlithgow ; Edinburgh ; Paisley.

E. PUSILLA <i>Illig. Steph.</i>	In woods near Kirriemuir, Forfarshire; Berwickshire; East Lothian; Aberdeenshire.
E. OBLONGA , <i>Herbst, Steph.</i>	On flowers. Occasional. Edinburgh; Dollar, &c.
E. VARIEGATA <i>Herbst, Gyll.</i> <i>impressa Kirby, Steph.</i>	Near Edinburgh — on plants, and under bark of trees; Berwickshire.
E. MELANOCEPHALA , <i>Marsh.</i> <i>Steph.</i>	
<i>truncata, Kirby, Steph.</i>	
<i>discolor Wall.</i>	
<i>ferruginea Heer.</i>	
var. <i>brunnea, Heer.</i>	
var. <i>affinis Mar. Steph.</i>	Dollar.
E. DECEMGUTTATA <i>Fab. Steph.</i>	Rare. Cramond.
	Mr J. T. Syme. <i>Ent. Edin.</i>
NITIDULA , <i>Fab. Steph.</i>	
N. BIPUSTULATA <i>Lin. Steph.</i>	Generally distributed, but in no great numbers.
SORONIA <i>Erich.</i>	
NITIDULA , <i>Fab. Heer.</i> <i>Steph.</i>	
S. PUNCTATISSIMA <i>Ill. Steph.</i>	Hawick and Jedburgh.
S. GRISEA <i>Lin. Steph.</i>	Scarce. Near Edinburgh, Dollar, &c.
var. <i>varia Fab.</i>	
<i>variegata Oliv.</i>	
OMOSITA <i>Erich.</i>	
NITIDULA <i>Fab. Heer,</i> <i>Steph.</i>	
O. DEPRESSA <i>Lin. Steph.</i>	On decaying animal matter. Fife-
<i>sordida Fab.</i>	shire.
<i>Colon Herbst, (not Lin.)</i>	
<i>varia Oliv.</i>	
<i>immaculata Oliv.</i>	
O. COLON <i>Lin. Steph.</i>	Not rare—on bones, &c.
<i>haemorrhoidalis Fab.</i>	
O. DISCOIDEA <i>Fab. Steph.</i>	Not rare—on bones, &c.
MELIGETHES <i>Kirby,</i> <i>Erich. Steph.</i>	
NITIDULA <i>Fab. Dej.</i>	
M. RUFIPES <i>Gyll. Steph.</i>	Occasional.
<i>flavimanus Kirby, Steph.</i>	

- M. *AENEUS* *Fab.* *Erich.* *Steph.* Common.
psyllius *Herbst.*
Urticæ Sam. *Steph.*
subtilis Walt.
alpestris Heer.
var. cœruleus Herbst, Steph.
var. olivaceus Gyll.

- M. *VIRIDESCENS* *Fab.* *Steph.* Very common.
aeneus var. γ *Schön.*

- M. *PEDICULARIUS* *Gyll.* *Steph.* Plentiful.

- M. *XANTHOCERAS* *Steph.* In flowers. Cramond. Rev. W. Little.
M. *NIGRINUS* *Marsh.* Raehills. Dumfriesshire.
aethiops Lat. Rev. W. Little.

THALYCRA Erich.

- STRONGYLUS* *Erich.* *Dej.*
Steph.

- T. *SERICEA* *Sturm.* *Erich.* Near Annan. Ent. Edin.
fervida Gyll. *Steph.*

POCADIUS Erich.

- STRONGYLUS* *Herbst, Dej.*
Steph.

CYCHRAMUS Heer.

- P. *FERRUGINEUS* *Fab.* *Steph.* In fungi; rare; near Edinburgh;
æstivus Herbst. Coldstream, Berwickshire.
striatus Oliv.

CYCHRAMUS *Kugelann,* *Erich.*

- STRONGYLUS* *Herbst, Dej.*
CAMPTA Kirby, Steph.

- C. *LUTEUS* *Fab.* *Steph.* Dumfriesshire, Ayrshire, and South
of Scotland.

IPS *Fab.* *Steph.*

- I. *QUADRIGUTTATA* *Fab.* Very rare. Near Paisley. Mr M. Young.
I. *QUADRIPIUNCTATA* *Herbst,*
Oliv. Steph. Under bark. Dumfriesshire, Ber-
wickshire, Kirriemuir, Forfarshire,
Glasgow, &c. More readily found
among sawn wood.

- I. QUADRIPUSTULATA Lin. Found throughout the year under bark of decayed fir-trees at Rae-hills in Dumfriesshire; Renfrewshire; Berwickshire.
Steph.
quadripustulata De Geer.
- I. FERRUGINEA Lin. Steph. (*Pi-*
tiophagus Schuk.) Under bark. Forfarshire; Dumfriesshire; Berwickshire, &c.
dermestoides Panz.
linearis Lat.
- RHIZOPHAGUS Herbst,
Gyll. Steph.
- LYCTUS Fab. Payk.
 SYNCHITA Duft.
- R. DEPRESSUS Fab. Berwickshire, and Aberdeenshire.
 Mr Hardy.
- R. FERRUGINEUS Payk. Steph. Not common.
- R. DISPAR Payk. Steph. Commonest of the genus.
elongatus Oliv.
bipustulatus var. β Duft.
- R. BIPUSTULATUS Fab. Steph. Not uncommon.
dispar var. b. Payk.
c. Gyll.
bipunctatus Herbst.
- R. CYLINDRICUS Steph. Berwickshire and Aberdeenshire.
 Mr Hardy.
- TROGOSITA Oliv. Steph.
- T. MAURITANICA Lin. Oliv. A single specimen taken in the town
 caraboides Fab. of Edinburgh. A. Murray.

FAMILY COLYDIIDÆ.

SARROTRIUM Ill. Steph.

ORTHOCERUS Lat.

- S. CLAVICORNE Lin. Dalmeny. A single specimen.
muticum Lin. *Fab. Steph.* Rev. W. Little.
hirticornis De Geer.

DITOMA Illiger.

BITOMA Herbst, Steph.
 SYNCHITA Duft.

D. CRENATA *Fab.* *Steph.*
var. *rufipennis* *Fab.*
picipes *Oliv.*

Duddingston and south of Scotland.
Ent. Edin.

FAMILY CRYPTOPHAGIDÆ.

SYLVANUS *Lat.* *Gyll.* *Steph.*

LYCTUS *Fab.*

- | | |
|--|-----------------------------------|
| S. FRUMENTARIUS <i>Fab.</i> | In Edinburgh. Imported with sugar |
| <i>sexdentatus</i> <i>Fab.</i> | from abroad. |
| <i>Surinamensis Lin.</i> <i>Steph.</i> | A. Murray. |
| S. BIDENTATUS <i>Fab.</i> <i>Duft.</i> | Common ; likewise imported. |
| <i>sulcatus</i> <i>Fab.</i> | |
| <i>dentatus Marsh.</i> <i>Steph.</i> | |

TELMATOPHILUS *Heer.*

CRYPTOPHAGUS *Gyll.* *Steph.*
LIMNESIUS *Dej.*
TYPHÆA *Kirby.*

- | | |
|--------------------------------------|--|
| T. TYPHÆ <i>Fallen, Heer, Steph.</i> | Near Dunse, and Simprim, Berwickshire. |
| T. CARICIS <i>Oliv. Steph.</i> | Dollar. Lochend, near Edinburgh. |
| | Mr J. T. Syme. A. Murray. |

ANTHEROPHAGUS *Kusch.*
Lat. Steph.

- | | |
|--|--|
| A. SILACEUS <i>Herbst, Steph.</i>
(not <i>Gyll.</i>) | Rare. Fifeshire. A. Murray. |
| A. PALLENS <i>Gyll. Steph.</i> | Scarce. Edinburgh, Dumfriesshire,
Dollar, Berwickshire. |

CRYPTOPHAGUS *Herbst,*
Lat. Steph.

- | | |
|---|---------------|
| C. LYCOPERDI <i>Fab. Steph.</i>
Fungorum <i>Panz. Sturm.</i> | Not uncommon. |
| C. SCANICUS <i>Lin.</i> | Common. |
| <i>cellaris Fab. Payk. Steph.</i>
(not <i>Scopoli.</i>) | |
| <i>humeralis Steph.</i> | |
| <i>denticulatus Marsh.</i> | |
| var. <i>cellaris Sturm.</i> | |
| <i>patruelis Sturm.</i> | |

C. FUMATUS <i>Gyll.</i> <i>Steph.</i>	Occasional.
C. BITUBERCULATUS <i>Kirby,</i> <i>Steph.</i>	Jedburgh, and also in Argyllshire. <i>Ent. Edin.</i>
PARAMECOSOMA <i>Curt.</i> <i>Erich.</i> <i>Steph.</i>	
P. ABIETIS <i>Payk.</i> <i>Gyll.</i> Ulicis (<i>Cryptophagus</i>) <i>Kirby, Steph.</i>	Common.
P. MELANOCEPHALA <i>Herbst.</i> fungorum <i>Gyll.</i> bicolor <i>Curtis, Steph.</i>	Cramond Park. Very rare. Near Paisley. Rev. W. Little. Mr M. Young.
ATOMARIA <i>Kirby, Heer,</i> <i>Steph.</i>	
A. NIGRIPENNIS <i>Payk.</i> <i>Gyll.</i> <i>Steph.</i> ruficollis <i>Panz.</i>	Cramond and Dalmeny woods.
A. MESOMELAS <i>Herbst.</i> <i>Erich.</i> <i>Steph.</i> phœorrhœa <i>Marsh.</i> globula <i>Gyll.</i> dimidiata <i>Marsh. Steph.</i> var. guttula <i>Manner.</i>	Among the roots of grass. Not common. <i>Ent. Edin.</i>
A. ATRA <i>Herbst.</i> <i>Gyll.</i> fimetaria <i>Payk.</i> nitidula <i>Marsh.</i> carbonaria <i>Kirby, Steph.</i>	Common.
A. UMBRINA <i>Gyll.</i> fuscata <i>Heer.</i> nigriventris <i>Kirby, Steph.</i>	Near Edinburgh. Dalmeny; Ravel- stone; Paisley; Berwickshire; Dumfriesshire, &c.
A. TERMINATA <i>Heer, Er.</i>	Salisbury Craigs. A. Murray.
A. LINEARIS <i>Steph.</i> pygmæa <i>Heer.</i> Dumetorum <i>Dej.</i>	Raehills. Rev. W. Little.
A. RUFA <i>Chevrier.</i> basella <i>Kirby, Steph.</i>	Common.
A. ATRICAPILLA <i>Kirby, Steph.</i>	Berwickshire. Mr Hardy.
A. NIGRICEPS <i>Erich.</i>	Dumfriesshire. Rev. W. Little.
A. PUSILLA <i>Payk.</i> <i>Gyll.</i> phaeogaster <i>Marsh. Steph.</i> thoracica <i>Steph.</i> ruficornis <i>Marsh. Steph.?</i>	Raehills; Nenthorn.

A. FUSCIPES *Gyll. Sturm. Steph.* Berwickshire; Dumfriesshire.
concolor *Minkel.*

A. TURGIDA *Erich.* Paisley. Mr M. Young.

EPHISTEMUS *West. Steph.*

E. GLOBULUS *Payk.* (not *Heer.*) Occasional near Edinburgh. Bergyrinoides *Marsh. Steph.* Berwickshire; Aberdeenshire.

nigriclavus Steph.

nitens (Phalacrus) Marsh. Steph.

piceorrhæus (Phalacrus)

Marsh. Steph.

pulchellus (Phalacrus) Marsh.

Steph.

E. DIMIDIATUS (*Phalacrus*) Dumfriesshire.

Sturm.

confinis Steph.

globulum Heer.

Rev. W. Little.

MYCETÆA *Kirby, Steph.*

M. SUBTERRANEA *Fab.* Near Edinburgh. Rachills; Blair-fumata *Marsh. Steph.* lodge, near Falkirk. Rare. Ber-hirta *Marsh. Steph.* wickshire.

TETRATOMA *Fab. Steph.*

T. FUNGORUM *Fab. Steph.* “ Jedburgh.” Ent. Edin. bicolor *Marsh.*

T. ANCORA *Fab. Steph.* Rare. Cramond; Girrick, Nenthorn; Paisley.

FAMILY LATHRIDIIDÆ.

MONOTOMA *Herbst. Lat.*
Steph.

M. PICIPES *Herbst. Steph.* Hot-beds. Common.

M. QUADRICOLLIS *Aubé.* Near Slateford. Near Glasgow.
angustata *Marsh. Steph.* A. Murray. Mr R. Hislop.
picipes *Gyll.* var. b.
bicolor *Villa, Dej.*
pallida *Steph.*

LATHRIDIUS *Herbst. Illig.*
Steph.

- L. **LARDARIUS** *De Geer, Steph.* Near Edinburgh ; Dollar, &c.
acuminatus Kugelan.
quadratus Herbst.
rugicollis Marsh.
- L. **ELONGATUS** *Curtis.* Devouring an old Greek author—in
angustatus Steph. Paisley. Mr M. Young.
- L. **TRANSVERSUS** *Oliv. Steph.* Wall tops. Common.
sculptilis Hum. Gyll.
transversalis Dej.
asperatus Meg.
crassicornis Kirby.
- L. **PORCATUS** *Herbst, Steph.* Wall tops ; in houses ; on bark, &c.
marginatus Payk.
pullus Marsh.
var. ferrugineus Marsh.
- L. **NODIFER** *Westw.* Dalmeny Park. Mr R. N. Greville.
testaceus Waterh. Steph.
- CORTICARIA** *Marsh. Steph.*
- C. **PUBESCENS** *Ill. Steph.* Old walls, outhouses, &c.
fenestralis Fab. (not Lin.)
longicornis Herbst.
punctulata Marsh.
var. castaneipes Meg.
- C. **CRENULATA** *Schüpp. Steph.* More scarce. Sea-coast, Berwicksh.
- C. **FERRUGINEA** *Marsh. Steph.* At the roots of grass in shady places ;
fenestralis Lin. (not Fab.) Edinburgh, Dollar, &c.
- C. **ELONGATA** *Schüpp. Steph.* Dalmeny Park ; Kinross-shire.
- C. **GIBBOSA** *Herbst, Gyll. Steph.* Wall tops. Common.
minuta Fab.
impressa Marsh.
- C. **TRANSVERSALIS** *Schüpp. Steph.* Raehills, Dumfriesshire ; Berwickshire.

FAMILY DERMESTIDÆ.

BYTURUS *Lat.*

- B. **TOMENTOSUS** *Fab. Steph.* Common.
D

DERMESTES Lin.

- D. MURINUS *Lin.* *Steph.* Near Edinburgh. Scarce.
nebulosus De Geer.
catta Panz.
roseiventris (Peir.)
- D. LARDARIUS *Lin.* *Steph.* Near Edinburgh. Berwickshire.
 Occasional.

ATTAGENUS Lat.

- A. TRIFASCIATUS *Fab.* *Steph.* Taken by Dr Leach near Edinburgh.
Steph. Illust.
- A. PELLIO *Lin.* *Steph.* Occasional, near Edinburgh.
bipunctatus De Geer.
cylindricornis Schrank. ♂
Schrankii Kugelan.
ater Herbst.
marcellarius Fab. ♀

ANTHRENUS Geoff.

- A. SCROPHULARIÆ *Lin.* *Steph.* Very rare. Near Edinburgh.
 var. *Histrio Fab.* *Ent. Edin.*
Verbasci Herbst, (not Oliv.
nor Fab.)
- A. VARIUS *Fab.* (not *Steph.*) Dalmeny Park ; Girrict ; near Cold-
Verbasci Oliv. Steph. stream.
tricolor Herbst.
pictus Meg.
Scrophulariae Sum.
- A. MUSÆORUM *Lin.* *Steph.* Jedburgh. Rev. W. Little.
Verbasci Fab.
fuscus Oliv.
obscurus Schön.
varius Steph. (not Fab.)

FAMILY GEORYSSIDÆ.

GEORYSSUS Lat.

- G. PYGMÆUS *Fab.* *Steph.* River Annan, near Moffat. *Ent. Edin.*
dubius Panz.
crenulatus Rossi.

FAMILY BYRRHIDÆ.

ASPIDIPHORUS *Lat.*

- A. ORBICULATUS *Gyll. Steph.* In moss, Berwickshire; Kirkpatrick Viennensis *Zeig.* Juxta, Dumfriesshire.

SIMPLOCARIA *Marsh.*

- S. SEMISTRIGATA *Fab. Steph.* Occasional.
picipes *Oliv. Steph.*

BYRRHUS *Lin.*

- B. PILULA *Lin. Steph.* Occasional. On the summits of high hills; Edinburgh; Kinross-shire; Forfarshire; Sutherland, &c.

- B. FASCIATUS *Lin. Fab. Steph.* Musselburgh; Fife; Berwickshire, (not *Herbst.*) on heaths; Sutherland, &c.

- B. DORSALIS *Fab. Steph.* (not *Panz.*) Near Edin.; Forfarsh.; Grampians.

CYTILLUS *Erich.*

BYRRHUS *Fab. Steph.*

- C. VARIUS *Fab.* Not scarce.
maculatus *Herbst.*
sericeus *Steph.*
bicolor *Marsh.*
pilula *De Geer.*

MORYCHUS *Erich.*

BYRRHUS *Fab. Steph.*

- M. AENEUS *Fab. Steph.* Very scarce near Edinburgh. Dumfriesshire; more plentiful in Argyllshire and Ayrshire; and abundant on the sandy links of Aberdeen; also found at St Kilda.

FAMILY THROSCIDÆ.

THROSCUS *Lat. Steph.*

- ELATER *Lin. Oliv.*
TRIXAGUS *Kugel.*

T. DERMESTOIDES Lin. Steph. Pentlands. Paisley and Glasgow.
clavicornis Oliv.
adstrictor Fab.

FAMILY HISTRIDÆ.

HISTER Lin.

- | | |
|------------------------------|--|
| H. UNICOLOR Lin. Steph. | Occasional. |
| H. CADAVERINUS Ent: Heft. | Not scarce. |
| <i>Steph.</i> | |
| <i>brunneus</i> Illig. | |
| <i>impressus</i> Fab. | |
| H. NEGLECTUS Germ. Steph. | Near Edinburgh; Queensferry, Fife,
Forfarshire. |
| H. CARBONARIUS Ent: Heft. | |
| <i>Steph.</i> | Occasional. |
| <i>striatus</i> Illig. | |
| H. PURPURASCENS Payk. Steph. | Occasional. |
| H. BIMACULATUS Lin. Steph. | Portobello; Queensferry; Glasgow. |
| H. DUODECIMSTRIATUS Payk. | |
| <i>Steph.</i> | Raehills. |
| | Rev. W. Little. |

DENDROPHILUS Leach, *Erich. Steph.*

HISTER Lin.

- D. PUNCTATUS Payk. Steph. Under bark of trees at Cramond.

SAPRINUS Erich. Steph.

HISTER Payk.

- | | |
|--------------------------------|---|
| S. ROTUNDATUS Ill. Steph. | Cramond; Edinburgh and Glasgow. |
| <i>conjugatus</i> Ill. | Not common. |
| S. AENEUS Fab. Steph. | Common in cow-dung in summer months. |
| S. MARITIMUS Kirby, Steph. | Under carcasses on shores of Firth of Forth. |
| S. NITIDULUS Fab. Steph. | Edinburgh, Dumfries, Kinross shires,
&c. Common. |
| <i>acuminatus</i> Fab. | |
| <i>semistriatus</i> Ent: Heft. | |

ONTHOPHILUS Leach, *Erich. Steph.*

O. STRIATUS *Fab.* *Steph.* Occasional.
sulcatus Oliv. (not *Fab.*)

ABRÆUS *Leach*, *Lat.* *Steph.*

A. GLOBOSUS *Ent.* *Heft.* *Steph.* Near Edinburgh. Near Peterhead.

A. NIGRICORNIS *Ent.* *Heft.* *Payk.* Raehills. Rev. W. Little.
minutus Fab. *Steph.*

FAMILY SCARABÆIDÆ.

DIVISION LUCANIDÆ. *M'Leay.*

PLATYCYERUS *Geoff.* *Lat.*
Steph.

LUCANUS *Lin.*

CERUCHUS *M'L.*

P. CARABOIDES *Lin.* *Steph.* Aberdeenshire. *Ent. Edin.*

SINODENDRON *Fab.*

S. CYLINDRICUM *Lin.* *Steph.* Black Forest, Perthshire. Dr Nelson.

DIVISION GEOTRUPIDÆ.

GEOTRUPES *Lat.*

G. STERCORARIUS *Lin.* *Steph.* Common throughout Scotland.
 δ spiniger *Marsh.*

G. MUTATOR *Marsh.* *Steph.* Galloway. Mr J. T. Syme.
stercorarius Herbst.
politus Malin.

G. PUNCTATOSTRIATUS *Kirby,*
Steph. Dollar and Aberdeensh. Mr J. T. Syme.

G. SYLVATICUS *Panz.* *Steph.* Not uncommon.
stercorosus (Hart.) Scriba.

G. VERNALIS *Lin.* *Steph.* Cheviots; Benlomond; Sutherland-
laevis Curt. *Steph.* shire.

CERATOPHYUS *Fisch.*

GEOTRUTES *Lat.* *Dej.*

TYPHÆUS *Leach*, *Steph.*

C. TYPILÆUS *Lin.* Forfarshire. Misses Lyell. *Ent. Edin.*
vulgaris Leach, Steph.

DIVISION COPRIDÆ.

ONTHOPHAGUS *Lat.*

O. OVATUS *Lin. Steph.* Plentiful in sheep's dung on south
♂ var. fucatus Muls. side of Arthur Seat. Dollar.

DIVISION APHODIIDÆ.

COLOBOPTERUS *Muls.*APHODIUS *Ill. Steph.*

C. ERRATICUS *Lin. Steph.* Seaton, near Dunbar; Berwickshire.

OTOPHORUS *Muls.*APHODIUS *Ill. Steph.*

O. HæMORRHOIDALIS *Lin. Steph.* Fields near Colinton, and irrigated
alpinus Scopoli. meadows at Restalrig. *Ent. Edin.*
granarius Fab.

TEUCHESTES *Muls.*APHODIUS *Ill. Steph.*

T. FOSSOR *Lin. Steph.* Common.

APHODIUS *Ill. Steph.*

A. SCYBALARIUS *Fab. Steph.* Near Edinburgh, Fife, &c. Not very
conflagratus Herbst. common.
conspurcatus Müller.
coprinus Marsh.

A. RUFIMANUS *Steph.* Argyllshire. Rev. W. Little.

A. FIMETARIUS *Lin. Steph.* Common.

A. LAPPONUM *Schön. Gyll.* Forfarshire; Perthshire; Berwick-
Rhenonum Zett. shire; hills near Moffat.
subalpinus Hardy.

A. ATER *De Geer, Ill. Muls.* Common.

terrestris Fab. Steph.

obscurus Marsh.

var. A. terrenus *Muls.*
 (not Kirby, Steph.)

A. TERRENUS *Kirby, Steph.* Fifeshire.

A. Murray.

pusillus Marsh.

A. QUADRIMACULATUS <i>Lin.</i>		
<i>Steph.</i>	Pentlands.	Mr R. Logan.
<i>quadripustulatus Fab.</i>		
<i>sanguinolentus Panz.</i>		
A. ULIGINOSUS <i>Hardy.</i>	Berwickshire ; Grampians in For-farshire.	
A. PUSILLUS <i>Herbst, Schön. Steph.</i>	Musselburgh.	Mr J. Howden.
<i>granarius Fab. Illig. Steph.</i>		
<i>granum Gyll. Steph.</i>		
A. SORDIDUS <i>Fab. Ill. Steph.</i>	Not common. Near Edinburgh ; Fife.	
var. <i>rufescens Fab. Muls.</i>	Common in Berwickshire ; and near Dunbar, in East Lothian.	
A. MERDARIUS <i>Fab. Steph.</i>	Common.	
<i>quisquilius Schrank.</i>		
A. MELANOPUS <i>Kirby, Steph.</i>	Not common.	
A. MELANOSTICTUS (<i>Schülp</i>)	Near Edinburgh. Not common.	
<i>Schmidt.</i>		
<i>conspurcatus Fab. Steph.</i>		Ent. Edin.
A. INQUINATUS <i>Herbst, Steph.</i>	Dollar; Kinross-shire ; Fife ; near Edinburgh ; Berwickshire.	
<i>distinctus Müller.</i>		
<i>vaginosus Fuessly.</i>		
<i>conspurcatus Schrank. (not Fab.)</i>		
<i>tessulatus (?) Laich.</i>		
<i>attaminatus Marsh.</i>		
A. TESSULATUS <i>Creutz. Steph.</i>	Arthur Seat.	
<i>inquinatus Oliv.</i>		
A. STRICTICUS <i>Panz. Steph.</i>	Near Edinburgh.	Ent. Edin.
<i>nemoralis Panz.</i>		
A. PORCUS <i>Fab. Steph.</i>		
<i>anchoreta Panz.</i>		
<i>turpis Marsh.</i>		
var. <i>ruficrus Marsh. Muls.</i>	Dollar.	Mr J. T. Syme.
ACROSSUS <i>Muls.</i>		
APHODIUS <i>Ill. Steph.</i>		
A. RUFIPES <i>Lin. Steph.</i>	Common.	
<i>oblongus Schrank.</i>		
A. LURIDUS <i>Fab. Steph.</i>	Not rare.	
<i>rufipes Illig.</i>		
var. <i>nigripes Schön. Dej.</i>		
<i>Steph.</i>	The commoner form.	

- A.** *DEPRESSUS* *Kugel.* *Steph.* Plentiful in Orkney; rare elsewhere.
nigripes *Duft.* In bogs in Berwickshire; near Edinburgh.

MELINOPTERUS *Muls.*

APHODIUS *Ill.* *Steph.*

- M.** *CONTAMINATUS* *Herbst.* *Steph.* Very common in autumn.
conspurcatus *Oliv.* (not *Fab.*)

- M.** *PRODROMUS* *Brahm.* ♂ *Steph.* Very plentiful in spring and summer.
contaminatus *Herbst.*
consputus *Duft.*
sphacelatus *Zetter.* ♀ *Steph.*
conspurcatus *Laich.*

HEPTAULACUS *Muls.*

APHODIUS *Ill.* *Steph.*

- II.** *Sus* *Herbst,* *Steph.* Taken most abundantly by J. Rawlins, Esq., in a field by Ravelston
pubescens *Oliv.* wood, near Edinburgh.

Dr Leach in *Steph. Illust.*

DIASTICTUS *Muls.*

PSAMMODIUS *Sturm, Dej.*
Steph.

- D.** *VULNERATUS* *Sturm.* Scarce. Avon, near Linlithgow.
Sabuleti *Ill.* *Steph.* Under stones near Musselburgh.
semipunctatus *Bon.*

DIVISION TROGIDÆ.

ÆGIALIA *Lat.*

- Æ.** *ARENARIA* *Fab.* Shores of Firth of Forth. Occasional.
globosa *Kug.* *Steph.*

TROX *Fab.*

- T.** *SCABER* *Lin.* *Steph.* Jardine Hall. Sir Wm. Jardine, Bart.
arenosus *Gmel.* (not *Gyll.*)
arenarius *Fab.* (not *Payk.*)
barbosus *Laich.*
hispidus *Payk.* (not *Laich.*)

DIVISION MELOLONTIDÆ.

MELOLONTHA *Fab.*

- M.** *VULGARIS* *Fab.* *Steph.* Dalkeith Park, Lanark, Sorn, Rae-hills, and Moffat; Glencoe, &c.
majalis *Moll.*

M. HIPPOCASTANI *Fab.* *Steph.* Hamilton, Falkirk, and Levenside.
vulgaris, var. *Oliv.* Mr Hislop.

ANOMALA *Koppe*, *Steph.* *Muls.*

EUCHLORA, *M'Leay*, *Muls.*

A. FRISCHII *Fab.* *Steph.* Sea-shore, Guillane Links; near
 (not *Panz.*) Montrose; Ayrshire.
 Julii *Payk.*

PHYLLOPERTHA *Kirby*.

P. HORTICOLA *Lin.* *Steph.* Pentlands, Aberdeensh., Sutherland,
 Argyllshire.
 —— var. b. *Heer.* }
 —— var. D. *Muls.* } Ayrshire. Sutherland.
 var. *suturalis* *Newm.* } Mr J. T. Syme. Mr James Wilson.

SERICA M'Leay.

S. BRUNNEA *Lin.* *Steph.* Generally distributed throughout
fulva *De Geer.* Scotland. A crepuscular insect.
fulvescens *Fourc.*

DIVISION CETONIDÆ.

TRICHIUS *Fab.*

T. FASCIATUS *Lin.* *Fab.* *Steph.* Perthsh., Inverness, Aberdeensh., &c.
succinctus *Lat.* Most abundant on banks of the
 Caledonian Canal.

CETONIA *Fab.*

C. AURATA *Lin.* *Steph.* Wigtonshire, Ayrshire.
C. OBSCURA *Dej.** Black Forest, Perthshire.
 Mr Weaver. Dr Nelson.

FAMILY BUPRESTIDÆ.

AGRILUS *Curtis.*

A. LITTLEI *Schuck.* About three dozen specimens found,
 on one occasion, on the willow at
 Raehills, in the month of June.
 Rev. W. Little.

* *C. OBSCURA* *Dej.* is considered by recent authors a mere variety of *C. AENEA* *Illig.* produced by climate or food; but as it is sufficiently distinct to be readily recognised, and is well known on the Continent by this name, I have preferred to keep it a distinct species.—A. M.

FAMILY ELATERIDÆ.

MELANOTUS *Esch.* *L. Redtenbacher.*

CRATONYCHUS *Dej.*

M. RUFIPES *Herbst.* Near Edinburgh ; Black Forest,
fulvipes *Herbst, Steph.* Perthshire ; Dumfriesshire.

LACON *Laporte, L. Redten.*

AGRYPNUS *Esch. Dej.*

LEPIDOTUS *Steph.*

L. MURINUS *Lin. Steph.* Not rare.

ATHOUS *Esch.*

A. HIRTUS *Herbst.* Common.
aterrimus *Fab.*
niger *Oliv. Steph.*

A. LONGICOLLIS *Fab. Steph.* Dalmeny Park, near Edinburgh.
marginatus *Payk.*
marginellus *Herbst.*

A. HÆMORRHOIDALIS *Fab. Steph.* Common.
ruficaudis *Gyll.*
analis *Herbst.*
var. obscurus *Payk.* Dollar. Mr J. T. Syme.

A. VITTATUS *Fab. Steph.* Occasional.
subfuscus *Gyll.*
stricticollis *Panz.*

CAMPYLUS *Fisch.*

EXOPTITHALMUS *Lat.*
HAMMONIUS *Meg.*

C. LINEARIS *Fab. Steph.* In rotten birch and alder stumps,
♂ dispar *Payk.* Berwickshire ; Dumfries ; Dollar.

LIMONIUS *Esch. Redten.*

L. CYLINDRICUS *Payk. Steph.* Rare. Raehills ; East Lothian ;
Berwickshire.

L. SERRATICORNIS *Payk. Steph.* Near the village of Denholm, Rox-
burghshire. *Ent. Edin.*
serricornis *Herbst.*

L. MINUTUS *Lin. Steph.* Scarce. Near Edinburgh ; Ber-
wickshire.
nitidicollis (*Meg.*)

CARDIOPHORUS *Esch.* *Redten.*APLOTARSUS *Steph.*CALODERUS *Steph.*

- C. RUFIPES *Fab.* *Steph.* Cramond; Berwickshire, &c. Not scarce.
- C. QUERCUS *Steph.* In company with C. rufipes. Perhaps one of the sexes of that species.
- C. EQUISETI *Herbst.* *Steph.* filiformis *Rossi.* pilosus *Herbst.* Rare. Woods near Mortonhall.
Ent. Edin.
- C. TESTACEUS *Fab.* *Steph.* fugax *Fab.* Dalmeny; south side of Blackford Hill; Berwickshire, &c.

ELATER *Lin.* *Esch.*AMPEDUS (*Meg.*) *Dej.*

- E. LYTHROPTERUS *Germar.* sanguineus *Steph.* (not *Lin.*) semiruber *Hoff.* *Steph.* Raehills, in decayed birch-trees during winter. Very rare.
Rev. W. Little.
- E. BALTEATUS *Lin.* *Steph.* East Lothian, Pentlands, Renfrewshire, and Lanarkshire.
- E. USTULATUS *Payk.* *Steph.* Castle Campbell wood, Dollar.
Mr J. T. Syme.
- E. MARITIMUS *Curtis,* *Steph.* Ballachulish; water of Dryfe.
Mr Curtis. Rev. W. Little.

CRYPTOHYPNUS *Esch.* *Dej.*HYPNOIDUS *Steph.*

- C. RIPARIUS *Fab.* *Steph.* æneus *Marsh.* littoreus *Herbst.* Very common.
- C. QUADRIPISTULATUS *Fab.* (not *Steph.*) Agricola Zetter. *Steph.* quadrum *Gyll.* Banks of Kinnel.
Rev. W. Little.
- C. DERMESTOIDES *Herbst,* *Steph.* Not unfrequent under stones on the quadripustulatus *Gyll.* var. banks of streams.
Steph.
minimus *Dej.*

CORYMBITES *Lat.*LUDIUS *Dej.*CTENICERUS *Steph.*

- C. CUPREUS *Fab.* *Steph.* Common.
chalybeus Sow. *Steph.*
- C. PECTINICORNIS *Lin.* *Steph.* Kinross-shire, Berwicksh., Mull, &c.
- C. TESSELLATUS *Lin.* *Steph.* Dunoon, Argyllsh.; Black Forest, in
var. *assimilis Gyll.* Perthshire; Clova Mountains, in
Forfarshire; Berwickshire.

DIACANTHUS *Lat.*LUDIUS *Lat.* *Dej.*

- D. HOLOSERICEUS *Fab.* (*Lepi-* Occasional.
dotus) *Steph.*

- D. AENEUS *Lin.* (*Selatosomus*) Local. Arthur Seat and Salisbury
Steph. Craigs; Traprain Law. Not very
var. *a impressus Marsh.* common in other parts of the
— *b Germanus Lin.*
— *c cyaneus Marsh.*

AGRIOTES *Esch.*CATAPHAGUS *Steph.*

- A. SEGETIS *Bierk.* *Gyll.* Not common. Near Edinburgh,
lineatus Lin. *Steph.* Dumfriesshire, &c.
striatus Fab.

- A. OBSCURUS *Lin.* *Gyll.* *Steph.* Very common.
variabilis Payk. *Fab.*

- A. SPUTATOR *Lin.* *Gyll.* *Steph.* Berwickshire.

SERICOSOMUS *Serv.*SERICUS *Esch.* *Steph.*

- S. BRUNNEUS *Lin.* *Fab.* *Steph.* Rare. Raehills; Black Forest, in
Perthshire; Mull.

- S. FUGAX *Fab.* *Steph.* Raehills. Rev. W. Little.

DOLOPIUS *Esch.* *Steph.*

- D. MARGINATUS *Lin.* *Steph.* Occasional.
lateralis Oliv.
dorsalis Payk.
tenellus Beck.
sticticus Panz.
suturalis Marsh.
var. *fulvus, Marsh.*

ADRASTUS *Esch.* *Steph.*

- A. LIMBATUS *Fab.* *Steph.* Common.

FAMILY CYPHONIDÆ.

ATOPA Payk. Steph.

A. CERVINA Fab. Lin. Steph. Occasional.

ELODES Lat.

CYPHON Payk. Fab. Steph.

E. LIVIDA Fab. Steph. Near Edinburgh; Swinton.

tenella Oliv.

pallida Payk.

mollis Marsh.

testaceus Steph. (not Dej.)

obscurus Steph.

assimilis Steph.

E. VARIABILIS Thun. Near Edinburgh; Berwickshire.

pubescens Fab. Steph.

minuta Oliv.

dorsalis Marsh.

E. COARCTATA Payk. Near Edinburgh; Raehills; Dollar; Berwickshire, &c.

livida Fab.

grisea Fab. Steph.

concolor Marsh.

fuscescens Lat.

variabilis var. Thun.

E. PADI Lin. Steph. Dumfriesshire; Alloa; near Dunse.

coarctata var. Payk.

discolor Panz.

pusilla Dej.

var. ater Steph. ?

E. MARGINATA Fab. Steph. Not common. Near Edinburgh; Dollar, &c.

var. pallida Payk. (not

Fab.)

circumfusa Marsh.

nimbeta Panz.

var. limbata Dej.

E. DEFLEXICOLLIS Müller. Berwickshire; on the Whitadder, below Abbey St Bathan's; Girrict.

Pini Curtis.

nigricans Dej.

pellucens Melsh.

E. PALLIDA Fab. Oliv. Occasional in woods.

melanura Fab. Steph.

var. laeta Panz. Steph.

minuta Lin.

FAMILY TELEPHORIDÆ.

DICTYOPTERUS *Lat.*LYCUS *Fab. Lat.*D. AURORA *Fab.* Rannoch in Perthshire. Mr Weaver.
coccinea *Lin.*LAMPYRIS *Lin. Dej.*
*Steph.*L. NOCTILUCA *Lin. Fab. Steph.* In some plenty in the southern parts
of Kirkcudbrightshire and Wig-
tonshire; abundant in the east of
Berwickshire; also found in Dum-
friesshire, Argyllshire, &c.PODABRUS *Fischer.*CANTHARIS *Fab. Dej.*TELEPHORUS *Oliv. Steph.*P. ALPINUS *Payk. Steph.* Dollar. Abundant in June. Hamil-
ton; Penmanshiel wood.TELEPHORUS *Oliv. Steph.*CANTHARIS *Fab. Dej.*T. FUSCUS *Lin. Steph.* Near Edinburgh. Ent. Edin.
anticus *Märk. Dej.*T. RUSTICUS *Fallen. Gyll. Steph.* Generally distributed.T. DISPAR *Fab. Steph.* Common.
lividus *Illig.* (not *Fab.*
Steph.)T. PELLUCIDUS *Fab. Gyll. Steph.* Not rare.T. CYANIPENNIS *Zieg. Dej.* Occasional. Edinburgh; Fife; For-
cyanus *Curt. Steph.* far; Kinross; Berwickshire, &c.T. NIGRICANS *Fab. Gyll. Steph.* Common.T. OBSCURUS *Lin. Steph.* Near Dollar. Mr J. T. Syme.T. FLAVILABRIS *Gyll. Steph.* Occasional. Near Edinburgh;
Dollar; Berwickshire, &c.T. PULICARIUS *Fab. Steph.* Raehills; Forfarshire.T. LIVIDUS *Fab. Steph.* Occasional throughout Scotland.T. BICOLOR *Fab. Steph.* Common.T. PILOSA *Payk. Gyll. Steph.* Penmanshiel wood, in East Lothian.
rufotestaceus *Letzn.* Scarce. Mr James Hardie.T. LITURATUS *Gyll. Steph.* Dalmeny; Raehills; Berwickshire.

RAGONYCHA *Esch.*CANTHARIS *Fab. Dej.*TELEPHORUS *Oliv. Steph.*

- R. PALUDOSA *Fallen. Gyll.* In swamps and bogs, Berwickshire.
aethiops *Curtis.* Mr Hardy.
- R. MELANURA *Fab. Panz. Steph.* Common everywhere in autumn.
- R. TESTACEA *Lin. Gyll. Steph.* Not scarce.
- R. PALLIDA *Fab. Steph.* Common.
pallipes *Fab. Illig. Steph.*
- R. ATRA *Lin. Steph.* Kingussie; Aberdeenshire.
Iridis *Marsh.* Mr J. T. Syme.

MALTHINUS *Lat. Dej. Steph.*TELEPHORUS *Oliv.*CANTHARIS *Lin. Fab.*

- M. FLAVEOLUS *Herbst, Steph.* Dalmeny; East Lothian; Dollar;
Berwickshire, &c.
- M. BIGUTTULUS *Payk. Steph.* Generally distributed.
- M. BIGUTTATUS *Lin. Steph.* Generally distributed.
- M. SANGUINICOLLIS *Sch. Steph.* Occasional. Near Edinburgh; Ber-
sanguinolentus *Gyll.*wickshire.
ruficollis *Lat.*
fulvicollis *Kirb. Steph.*
- M. MINIMUS *Lin. Gyll.* Berwickshire. Mr James Hardy.
marginatus *Lat. Steph.*
- M. MELANOCEPHALUS *Marsh.* Berwickshire. Mr James Hardy.
Steph.
- M. CONCOLOR *Kirb. Steph.* Dalkeith Park. A. Murray.
- M. BREVICOLLIS *Payk. Steph.* Dunglass. Berwickshire. Dun-
friesshire, &c.

FAMILY MALACHIIDÆ.

MALACHIUS *Fab.*

- M. VIRIDIS *Fab. Steph.* Ormiston. Mr Logan.
bipustulatus var. ♂ *Illig.*
(not *Lin. Fab.*)
- M. ÆNEUS *Fab. Steph.* Near Edinburgh. Ent. Edin.
- M. MARGINELLUS *Fab. Steph.* Shores of the Solway. Sir Wm. Jardine, Bart.

DASYTES *Fab.*

- D. ÆRATUS *Steph.* Dalkeith Park. A. Murray.

AMAURONIA Westwood.

APLOCNEMUS Steph.

A. IMPRESSUS Marsh. Steph. Dalkeith Park.

A. Murray.

PHLOIOPHILUS Waterh.

PH. EDWARDII Waterh. Avon, near Linlithgow. Mr Hislop.

PH. COOPERI Steph. Raehills. Rev. W. Little.

FAMILY CLERIDÆ.

THANASIMUS Lat.

TH. FORMICARIUS Fab. Steph. Flisk, in Fifeshire; Perthshire; Forfarshire; Aberdeenshire, &c.

NECROBIA Lat.

N. RUFICOLLIS Fab. Steph. Very rare. Near Edinburgh; Dumfriesshire.

N. VIOLENCEA Lat. Dej.
angustata Falder.
quadra Marsh. Steph.

Not rare. On bones, &c.

N. RUFIPES Fab. Steph.

Berwickshire—only once found.

Mr James Hardy.

FAMILY PTINIDÆ.

HEDOBIA Lat.

PTINUS Lin. Steph.

II. IMPERIALIS Lin. Steph. On birch-trees near Jedburgh.
Ent. Edin.

PTINUS Lin.

P. SEXPUNCTATUS Panz. Steph. Old wood in houses, &c., in the Edinburgh district.
Ent. Edin.P. FUR Lin. Steph.
Germanus Fab.
clavipes Panz.

Not very common. Edinburgh; Fife; Dumfries, &c.

P. CRENATUS Fab. Gyll. Steph. The commonest of the species.

P. LICHENUM Marsh. Steph. Raehills.

P. NOLOLEUCUS Fald. Steph. Plentiful in houses in Edinburgh.

GIBBIUM Scopoli.

G. SCOTIAS Fab.

Arlary in Kinross-shire, among a parcel of dried plants from India.

Dr G. W. Arnott.

MEZIUM Leach.

M. SULCATUM Fab.

Edinburgh, among a consignment of decapods from Australia.

Dr Fleming.

FAMILY ANOBIIDÆ.

ANOBIUM Fab.

- A. PANICEUM Fab. Steph. Cramond. Dr Greville and Rev. W. Little.
- A. RUFIPES Fab. Steph. Raehills. Rev. W. Little.
elongatum Payk.
- A. STRIATUM Illig. Steph. pertinax Panz. (not Lin. Steph.) Common in old houses.
- A. TESSELATUM Fab. Gyll. Steph. Raehills. Rev. W. Little.
- A. MOLLE Fab. Steph. Forfarshire ; Kinross-shire ; Berwickshire ; near Edinburgh.
- A. ABIETIS Fab. Steph. Near Edinburgh. Mr Jas. Wilson. Ent. Edin.
- A. ERYTHROPUM Leach, Steph. Ravelston Wood, near Edinburgh. Mr Rawlins. Steph. Illust.
- A. CASTANEUM Oliv. Steph. Alder trees at west end of Duddingston Loch ; in woods, Berwickshire.

CIS Lat.

- C. BOLETI Scopoli, Steph. variabilis Fab. picipes Herbst. Under bark, and in Polyporus versicolor. Near Edinburgh ; Dumfriesshire ; Kinross-shire.
- C. RUGULOSUS Manner. Mellié. Dollar. var. pyrocephalus Mellié. Mr J. T. Syme. Steph.
- C. NITIDUS Fab. Steph. Dumfriesshire ; Dollar ; near Edinburgh ; Berwickshire, &c.
- C. BIDENTATUS Oliv. Steph. ♀ inermis Marsh. Raehills ; Glasgow.
- C. FESTIVUS Panz. Gyll. pygmæus Marsh. Steph. In Polyporus versicolor. Berwickshire. Rare. Mr James Hardy.
- PTILINUS Geoff.
- P. COSTATUS Gyll. flabellicornis Dej. pectinicornis Illig. Near Edinburgh ; Raehills, &c.

FAMILY LYMEXYLONIDÆ.

HYLECETUS *Lat. Steph.*

LYMEXYLON *Fab.*

H. **DERMESTOIDES**, *Fab. Steph.* Black Forest, Rannoch.
♂ *proboscideus* *Fab.*

Mr R. Weaver.

FAMILY BOSTRICHIDÆ.

TOMICUS *Lat.*

T. **BIDENS** *Fab. Steph.* Edinburgh; Jedburgh; Dollar;
♂ *bidentatus* *Herbst.* Raehills; Berwickshire; Glasgow.
♀ *chalcographus* *Payk.* (not
Lin.)

micrographus *Marsh.*

T. **LARICIS** *Fab. Steph.* Dollar.

Mr J. T. Syme.

T. **MONOGRAPHUS** *Fab. Steph.* Ormiston; East Lothian; Cramond.

FAMILY HYLESINIDÆ.

HYLESINUS *Fab.*

H. **CRENATUS** *Fab. Duft. Steph.* Near Edinburgh; Kinross-shire;
Forfarshire.

H. **SCABER** *Marsh. Steph.* Raehills. Rev. W. Little.

H. **VARIUS** *Fab.* Occasional.

Fraxini *Fab. Steph.*

melanocephalus *Fab.*

pubescens *Fab.*

H. **COADUNATUS** *Marsh. Steph.* Rachills.

Rev. W. Little.

H. **SERICEUS** *Marsh. Steph.* Raehills.

Rev. W. Little.

HYLURGUS *Erich.*

H. **PINIPERDA** *Lin. Steph.* Not rare in fir woods.
testaceus *Fab.*

HYLASTES *Erich.*

HYLURGUS *Lat. Dej. Steph.*

H. **ATER** *Payk. Steph.* Common in fir woods.
chloropus *Duft.*
Boleti *Marsh.*
niger *Marsh.*

H. ANGUSTATUS <i>Herbst. Steph.</i>	Under bark of decaying firs, Berwickshire ; Glasgow.	
H. OBSCURUS <i>Marsh. Steph.</i>	Cramond ; Hawthornden ; Berwickshire.	
H. RUFESCENS <i>Steph.</i>	Alloa.	Mr J. T. Syme.
H. RUFUS <i>Marsh. Steph.</i>	Rae hills.	Rev. W. Little.
H. RHODODACTYLUS <i>Marsh. Steph.</i>	Near Edinburgh ; Linlithgow ; Kinross-shire ; Berwickshire, &c.	

FAMILY CURCULIONIDÆ.

RHYNCOLUS *Creutz. Germ.*

R. CYLINDRIOSTRIS <i>Oliv.</i>	Rae hills.	Rev. W. Little.
lignarius <i>Marsh. Steph.</i>		

MESITES *Schön.*COSSONUS *Dej. Steph.*

M. TARDII <i>Vigors.</i>	Kilmun.	Mr J. M'Call.
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SITOPHILUS *Schön.*RHYNCHOPHORUS *Herbst.*CALANDRA *Clair. Steph.*

S. GRANARIUS <i>Lin. Steph.</i>	Near Edinburgh ; Leith ; Dollar, &c.
Segetis <i>Lin.</i> frumentaria <i>Steph.</i>	

S. ORYZÆ <i>Lin.</i>	Edinburgh. A single specimen, (introduced.)
frugilegus <i>De Geer.</i>	A. Murray.

NANOPHYES *Schön.*SPHÆRULA *Meg. Steph.*NANODES *Schön.*

N. LYTHRI <i>Fab. Steph.</i>	Argyllshire.	Rev. Geo. Little.
Salicariæ <i>Oliv.</i>		
pygmæus <i>Herbst. Steph.</i>		
fasciatus <i>Villers.</i>		
leucozonius <i>Lin.</i>		
transversus <i>Oliv.</i>		

MECINUS *Germ.* *Schön.*
Steph.

M. PYRASTER *Herbst.* Near Edinburgh ; Dumfriesshire ;
semicylindricus *Gyll.* *Steph.* Berwickshire ; Dollar, &c.
♂ *Cerasi Payk.*

GYMNÆTRON *Schön.* *Steph.*
Miarus *Sch.* *Steph.*
Rhinusa *Kirby,* *Steph.*

G. PASCUORUM *Gyll.* One specimen taken near Swinton,
nanus *Dej.* Berwickshire. Mr James Hardy.

G. LINARÆ *Panz.* Dalmeny Park. Dr. Greville.
teter *Panz.* (not *Fab.*)

G. VILLOSULUS *Schön.* Near Girrick. Mr Hislop.
dorsalis *Oliv.*

G. BECCABUNGÆ *Gyll.* var. d. e. On *Veronica anagallis*, near Stichell
Steph. (not *Lin.*) and Swinton ; Dalmeny Park.
nigrum *Walton.* Mr James Hardy. Mr R. N. Greville.

G. LABIALIS *Herbst.* Near Stirling ; Swinton and Scaith-
tricolor *Gyll.* *Marsh.* *Steph.* muir ; Glasgow ; Kinross-shire.

CIONUS *Clair.* *Steph.*

CLEOPUS (*Meg.*) *Steph.*

C. SCROPHULARIÆ *Lin.* *Steph.* On *Serophularia nodosa*, and allied
Blattariae *Voet.* species of plants. Generally dis-
Verbasci *Voet.* tributed.

C. VERBASCI *Fab.* *Steph.* Dollar. Mr J. T. Syme.
Scrophulariae var. ♂ *Lat.*
tuberculosus *Scop.*

C. BLATTARÆ *Fab.* *Steph.* On plants of the same families as the
bipustulatus *Marsh.* preceding species. Not common.
Edinburgh ; Dumfriesshire ; Ber-
wickshire.

OROBITIS *Germ.* *Steph.*

O. CYANEUS *Lin.* *Steph.* Near Edinburgh ; Stirlingshire ; East
globosus *Lin.* Lothian ; Berwickshire.
giganteus *Meg.*
hypoleucus *Quensel.*
croceus *Fab.*

POOPHAGUS *Schön.*CEUTORHYNCHUS *Dej.*NEDYUS *Steph.*

- P. SISYMBRII *Fab. Steph.* Near Edinburgh ; Dumfriesshire ;
Berwickshire ; East Lothian, &c.

RHINONCHUS *Schön. Steph.*CAMPYLIRHYNCHUS *Meg. Dej.*

- R. INCONSPPECTUS *Herbst.* Raehills, Dumfriesshire.
suturalis *Oliv.* Rev. W. Little.
crassus *Marsh. Steph.*
accipitrinus *Reich.*

- R. CANALICULATUS *Marsh. Steph.* Raehills. Rev. W. Little.

- R. 4-TUBERCULATUS *Fab. Steph.* Berwickshire ; Dumfriesshire.

- R. CASTOR *Fab. Steph.* Raehills ; Cockburnlaw, Berwickshire ; Brig of Turk, Perthshire ;
Pericarpius var. *Lin.* scabratus *Fab.* Glasgow, &c.
fructiculosus *Herbst.*
seniculus *Graven.*
4-cornis *Gyll. Dej. Steph.*
var. *flavipes Steven.*
leucostigma *Marsh. Steph.*
rufipes Steph.
interstitialis Reic. Steph.

- R. PERICARPIUS *Fab. Steph.* Generally distributed.
Spartii *Kirby, Steph.*

CEUTORHYNCHUS *Schiüppel.*NEDYUS *Steph.*

- C. ASSIMILIS *Payk. Gyll. Steph.* Near Edinburgh ; Dollar ; Berwickshire.
obstrictus *Marsh. Steph.*
Alauda *Herbst. (not Fab.)*

- C. DEPRESSICOLLIS *Gyll.* Near Edinburgh ; Kirkpatrick Juxta, &c.

- C. ERYSMI *Fab. Panz. Steph.* Occasional.
chloropterus *Kirby, Steph.*

- C. CONTRACTUS *Marsh. Steph.* Common.
minutus *Sturm.*

- C. COCHLEARIAE *Gyll. Steph.* Raehills ; Edinburgh district, &c.

- C. TERMINATUS *Herbst.* One specimen taken on sea-coast
haemorrhoidalis *Panz. Dej.* near Cockburnspath. Mr J. Hardy.
Steph.
Sii *Chev.*
rufitarsis *Kirby.*
- C. FLORALIS *Payk. Gyll. Steph.* Occasional near Edinburgh. Kin-
Typhæ *Herbst.* Ross-shire.
sulculus *Kirby.*
monostigma *Mar. Steph.*
- C. PYRRHORHYNCHUS *Marsh.* Raehills. Rev. W. Little.
Steph.
erythrorhynchus *Schön.*
phaerorhynchus *Marsh. Steph.*
var. rufierius *Marsh. Steph.*
- C. CONSTRICTUS *Marsh. Steph.* Near Edinburgh; Cramond, &c.
- C. ERICÆ *Gyll. Steph.* Moffat Hills; Berwickshire, &c.
rufirostris *Dej.*
- C. ECHII *Fab. Panz. Steph.* Near Edinburgh—south-east side of Arthur Seat.
- C. VIDUATUS *Gyll.* Dollar; Dalmeny; Kirkpatrick Juxta.
- C. LITURA *Fab. Gyll.* Occasional. Edinburgh; Kinross-
shire; Berwickshire.
cruciger var. *Herbst.*
ovalis *Marsh. Steph.*
- C. RUGULOSUS *Herbst.* (not *Steph.*) Raehills; Milnegraden.
Quercicola var. *b. Payk.*
melanostigma *Marsh. Steph.*
cinereus *Marsh. Steph.*
scutellatus *Steph.*
- C. QUADRIDENS *Panz.* Near Edinburgh; Dalmeny; Ber-
Borraginis *Gyll. Steph.* wickshire.
Quercicola *Marsh. Steph.*
(not *Fab.*)
pallididactylus *Marsh. Steph.*
- C. MARGINATUS *Payk. Gyll. Steph.* Raehills. Rev. W. Little.
- C. POLLINARIUS *Schh. Steph.* Very common.
dentatus *Marsh.*
glaucinus *Dej.*
caliginosus *Steph.*
- C. SULCICOLLIS *Gyll. Steph.* Common.
Alauda *Fab.*
affinis *Panz. Steph. Schh.*

C. CYANIPENNIS <i>Illig.</i>	Dalmeny. Rev. W. Little and Mr R. N. Greville.
C. TROGLODYTES <i>Fab. Steph.</i> var. <i>spiniger</i> <i>Herbst.</i>	Pentlands; Arthur Seat; Craiglockhart; Berwickshire; Dumfries-shire, &c.
A. ACALLES <i>Schön. Steph.</i>	
TYLODES <i>Guer. Dej.</i>	
A. ABSTERSUS <i>Schh.</i> <i>Roboris Curtis.</i>	Roslin. Dr Greville and Rev. W. Little.
A. PTINOIDES <i>Marsh. Steph.</i> <i>echinatus</i> <i>Meg.</i> <i>nocturnus</i> <i>Chevr.</i>	Roslin. Dr Greville. Ravelston. Rev. W. Little.
CELIODES <i>Schönherr.</i>	
CEUTORHYNCHUS <i>Steph.</i>	
C. QUERCUS <i>Fab. Steph.</i> <i>pallens Marsh.</i> <i>melanorhynchus Marsh.</i> <i>Steph.</i>	Near Edinburgh; Dollar; Berwickshire; Dumfriesshire, &c.
C. RUBER <i>Marsh. Steph.</i> <i>Quercus Olivier.</i> <i>rufirostris Spence, Steph.</i>	Near Edinburgh. Occasional. Penmanshiel wood.
C. RUBICUNDUS <i>Payk. Steph.</i> <i>Quercus var. b. Payk.</i> <i>melanocephalus Marsh.</i> <i>Steph.</i>	Near Edinburgh; woods about Roslin; Raehills; Berwickshire.
C. GUTTULA <i>Fab. Steph.</i> <i>carduelis Meg.</i> <i>fuliginosus Marsh. Steph.</i> <i>subcostatus Dej.</i> <i>ruficornis Steph.</i>	Ravelston, near Edinburgh; Milne-graden, &c.
C. SUBRUFUS <i>Herbst. Steph.</i> <i>cinctus Rossi.</i> <i>tricinctus Walken.</i> <i>erythrolencus Lin.</i> var. <i>subrufus Gyll.</i>	Cramond and Raehills. Rev. W. Little.
C. DIDYMUS <i>Fab. Steph.</i> <i>urticarius Clair.</i> <i>viduus Panz.</i> <i>albopunctatus Lin.</i> <i>bipunctatus Lin.</i> <i>tripunctatus Fourc.</i> δ <i>oleraceus Scopoli.</i> var. <i>gibbipennis Germ.</i> Urticæ <i>Marsh. Steph.</i>	Very common.

- C. GERANII *Payk. Steph.* Ravelston, near Edinburgh; Arthur
affinis *Payk.* Seat; Dollar; East Lothian; Ber-
wickshire, &c.

CRYPTORHYNCHUS *Illiger.*

- C. LAPATHII *Lin. Steph.* Coates, near Edinburgh. *Ent. Edin.*
albicaudis *De Geer.* Sir P. Walker.
carbonarius *Scopoli.*
trimaculatus *Væl.*

BARIDIUS *Schön.*

BARIS *Germ. Lat. Steph.*

- B. T-ALBUM *Lin.* Halleaths Loch, on rushes. *Sir Wm. Jardine, Bart.*
Atriplicis *Oliv. Lat. Steph.* Dunse; bogs in Berwickshire, &c. *Mr Hardy.*
pilistriatus *Steph.*
funerus *Herbst.*
nigrinus *Herbst.*
hypoleucus *Marsh.*
porosus *Lin.*

BAGOUS *Germ. Steph.*

- B. LUTULENTUS *Gyll. Steph.* Near Edinburgh. *Rev. W. Little.*
tibialis *Steph.*
binotatus *Steph.*

STYPHLUS *Schön.*

ORTHOCAETES *Müller, Steph.*

- S. SETIGER *Beck, Schön. Steph.* Roxburghshire; near Corstorphine
setosus *Dej.* hill.

ORCHESTES *Illig.*

- O. QUERCUS *Lin. Steph.* Woods near Edinburgh; Berwick-
Viminalis *Fab.* shire, &c.
setosus *Müll.*
Alni *Herbst.*
var. depressus *Steph.*

- O. SCUTELLARIS *Fab. Steph.* Raehills. *Rev. W. Little.*
rufus *Schr. Marsh.*
Viminalis *Besser.* (not *Fab.*)
Alni, var. c, *Payk.*
stellaris, var. β , *Gyll.*
flavus *Sturm.*
testaceus *Müller.*

- O. MELANOCEPHALUS *Oliv.* Dalmeny Park. Mr R. N. Greville.
ferrugineus Marsh. Steph.
nigricollis Marsh. Steph.
atricapillus Marsh. Steph.
- O. ILCIS *Fab. Steph.* Near Edinburgh ; Raehills.
Segetis De Geer (not Herbst.)
pilosus Fab. Steph. (not Lat.)
- O. FAGI *Lin.* Common.
Fragariæ Fab. Lat.
Calcar Oliv. Lat. Steph.
subater Müller.
rhododactylus Marsh.
rhodopus Marsh. Steph.
- O. SIGNIFER *Creutz.* Raehills. Rev. W. Little.
Avellanæ Don. Steph.
Salicis Lat.
hortorum Lat.
- O. RUSCI *Herbst.* On sallows and oaks, Penmanshiel
bifasciatus Gyll. Steph. wood ; Berwickshire ; Dumfries-
Salicis Schrank. shire.
decoratus Steph.
affinis Steph.
- TACHYERGES *Schön.*
- T. SALICIS *Lin. Steph.* Near Edinburgh. Berwickshire.
hortorum Oliv. Occasional.
scapularis Beck.
Capreae Lat.
- T. STIGMA *Germ. Steph.* Near Edinburgh ; Berwickshire, on
Iota Gyll. hazel ; Glasgow.
confondatus Schön.
alboscutellatus Dej.
rufitarsis Steph.
atterimus Sturm.
- ANOPLUS *Schüpp.*
- A. PLANTARIS *Noezen, Steph.* Raehills ; Dollar ; Berwickshire ;
Roboris Suffrian. Glasgow.
brevis Marsh.
nitidulus Steph.
atratus Steph.
Armeniacæ Fab.

LITODACTYLUS Redten.

PHYTOBIUS Schön.

PACHYRHINUS Steph.

- L. LEUCOGASTER Marsh. Steph. Duddingston Loch. Pond near
Myriophylli Gyll. Swinton.
- L. QUADRITUBERCULATUS Fab. Raehills. Rev. W. Little.
- 4-cornis Payk.
Ribis Stroem.
4-dentatus Steph.
- L. CANALICULATUS Kirby, Sch. Dumfriesshire. Rev. W. Little.

MICCOTROGUS Schön.

TYCHIUS Steph.

- M. PICIROSTRIS Fab. Dalmeny Park. Mr R. N. Greville.
- cinerascens Gyll. Steph.
fuscirostris Payk.

AMALUS Schön.

- A. SCORTILLUM Herbst. Steph. Near Edinburgh ; Craiglockhart ;
hæmorrhous Herbst. Mortonhall ; Dumfriesshire.
Agricola Payk.
rubicundus Panz.

BALANINUS Germ.

- B. NUCUM Lin. Steph. Dalmeny Woods. Mr R. N. Greville.
gulosus Germ. (not Lat.)
- B. BRASSICÆ Fab. Dalmeny ; Dollar ; Berwickshire.
- Salicivorus Gyll. Steph.
macropus Oliv.
arcuatus Marsh.
cincrascens Lin.
scutellaris Steph.
var. intermedius ♂ Steph.

ANTHONOMUS Germ.

- A. ULMI De Geer, Steph. Raehills. Dalmeny.
pedicularius Lin. Steph. Rev. W. Little. Mr R. N. Greville.
avarus Lat.
clavatus Dej.
Bavarus Schrank.
fasciatus Steph.
Pomona Germ. (not Lin.)
Druparum, var. Steph. (not
Lin.)

- A. INCURVUS** *Panz.* (not *Steph.*) Occasional. Near Edinburgh ; Rae-Pomorum, var. *b* *Gyll. Steph.* hills, &c.
avarus *Dej.* (not *Lat.*)
var. humeralis *Panz.*
var. Crataegi *Chevrol.*
- A. PUBESCENS** *Payk.* Dalmeny. Mr R. N. Greville.
- A. RUBI** *Herbst. Steph.* Near Edinburgh; Stirlingshire; Kinross-shire; Dumfriesshire; Berwickshire, &c.
- clavatus* *Marsh. Steph.*
obscurus *Steph.*
ater *Marsh. Steph.*
melanopterus *Marsh.*
perforatus *Herbst.*
brunnipennis, var. *Curtis.*
- ELLESCUS** *Meg. Dej.*
- E. BIPUNCTATUS** *Lin. Steph.* On sallows in autumn. Torwood, near Stirling; Raehills; Penmanshiel; Jardine Hall, &c.
- unipunctatus* *Oliv.*
- HYDRONOMUS** *Schön.*
- H. ALISMATIS** *Marsh. Steph.* On *Alisma plantago* in Botanic Garden, Edinburgh; Duddingston; Swinton; Glasgow.
- productus* *Illig. Dej.*
- GRYPIDIUS** *Schön.*
- G. EQUISETI** *Fab. Steph.* Occasional.
- nigro-gibbosus* *De Geer.*
gibbosus *Lat.*
- ERIRHINUS** *Schön.*
- NOTARIS** *Germ. Steph.*
- E. BIMACULATUS** *Fab. Steph.* Near Dumfries.
- E. ACRIDULUS** *Lin. Steph.* Occasional.
- punctum* *Fab.*
rigidus *Marsh.*
- E. ÆTHIOPS** *Fab.* Near Smailholm Tower. Mr R. Hislop.
- holomelanus* *Herbst.*
- DORYTOMUS** *Germ.*
- D. VORAX** *Fab. Gyll. Steph.* On Lombardy poplars, near Edinburgh; Craigielands, Glasgow; Berwickshire, &c.
- ventralis* *Dej. Steph.*
cursor *Payk.*
longimanus *Forst.*
longipes *Laich.*

- D. COSTIROSTRIS *Schön.* Dumfriesshire; near Edinburgh.
Tremulæ Dej. Steph. (not
Payk. Gyll.)
bituberculatus Zetter. Schön.
- D. AFFINIS *Payk. Steph.* Dumfriesshire. Rev. W. Little.
- D. TREMULE *Payk. Gyll. Schön.* Near Edinburgh; Girpel Linn,
 (not *Steph.*) Dumfriesshire.
fumosus Rossi,
vecors ♂ Schön. Steph.
maculatus Marsh.
- D. SALICINUS *Gyll. Schön.* On willows, in Dumfriesshire.
 Rev. W. Little.
- D. MAJALIS *Payk. Gyll. Schön.* Dumfriesshire. Rev. W. Little.
 (not *Steph.*)
- D. PECTORALIS *Panz. Steph.* Berwickshire. Dunoon.
fructum Manner. Mr Hardy.
rubellus Marsh.
 var. *melanophthalmus Payk.*
Steph.
- D. AGNATHUS *Dahl. Schön.* Dumfriesshire. Rev. W. Little.
majalis Steph.
- D. TORTRIX *Lin. Gyll. Steph.* Lombardy poplars, Caroline Park,
Schön. near Edinburgh; Dunse.
arcuatus Steph.
- MAGDALINUS *Germ.*
- TAMNOPHILUS *Schön.*
- RHINODES *Schön. Dej.*
- MAGDALIS *Steph.*
- M. PULEGOMATICUS *Herbst.* First discovered at Dalmeny, by
 Rev. W. Little.
 since taken in Kiross-shire, by
 Mr George A. Coventry.
- M. CARBONARIUS *Fab. Steph.* Black Forest, Rannoch, in Perthshire.
 Raehills. Dr Nelson. Rev. W. Little.
- M. STYGIUS *Gyll.* Dollar. Mr J. T. Syme.
aterimus Germ. Steph. (not
Herbst.)
Cerasi Oliv.
asphaltinus Steph.
atramentarius Marsh. Steph.

M. PRUNI Lin. (*Rhinodes Dej.*)

Steph. Dalmeny Park. Mr R. N. Greville.
erythrocerus Herbst.
incognitus Herbst.
ruficornis Lin. Schön.
caliginosus Steph.

PISSODES Germ.

P. PINI Lin. *Steph.* (not *Panz.*) In fir woods near Edinburgh; Fife-shire; Perthsh.; Forfarsh.; Kinross-sh.; Moraysh.; Aberdeensh.; &c.

P. NOTATUS Fab. Two specimens taken in Scotland by Dr Leach.
Pini Oliv.
castaneus De Geer.
Palms Herbst.
brunneus Panz.

P. FABRICII Leach. Banks of the North Esk, near Montrose. Rev. G. Little.

OTIORHYNCHUS Germ.

O. TENEBRICOSUS Herbst. *Steph.* Not common; but occasionally taken near Edinburgh; Dollar; East Lothian; Dumfriesshire.
morio Payk. ♀
clavipes Oliv. Lat.
niger Marsh. ♂
ater Gyll. ♂ (not *Herbst.*
 nor *Steph.*)
scrobiculatus Schön. ♂
 var. *maritimus Donovan.*

O. EBENINUS Schön. A few specimens taken in the west of Scotland. Mr R. N. Greville.

O. ATROAPTERUS De Geer, *Gyll.* Not rare on sandy coasts. Near Edinburgh; Ayrshire; East Lothian; Berwickshire, &c.
Steph.
rotundatus Lin.
ater Steph.: illust.
niger Steph.: man. (not *Fab.*)

O. MONTICOLA Dej. *Schön.* Mountainous parts of Scotland.
lævigatus Gyll. *Steph.* Sutherland, Ross-shire, Forfarshire, Kinross-shire, East Lothian, Berwickshire, &c.

- O. PICTIPES *Fab.* *Gyll.* *Schön.* Common everywhere.
 asper *Marsh.*
 singularis *Steph.* *Schrantz.*
 squamiger *Marsh.* *Steph.*
 septentrionis *Steph.* *man.*
 (not *Herbst.*)
 granulatus *Herbst.*
 dentatus *Heer,* *Schön.*
 notatus *Bon.* *Steph.*
 vastator *Marsh.*
Marquardtii *Schön.*
Chevrolati *Schön.* var. minor.
- O. SULCATUS *Fab.* *Steph.* Near Edinburgh, Dollar, &c.
 griseo-punctatus *De Geer.*
 strictus *Lin.*
- O. RUGIFRONS *Gyll.* *Steph.* Generally distributed.
 Dillwynii *Kirby,* *Steph.*
 var. scaber *Steph.*
- O. OVATUS *Lin.* *Steph.* Generally distributed.
 Rosae *De Geer.*
 rufipes *Scop.*
 Scopolii *Lin.*
 vorticosus *Schön.*
 pabulinus *Germ.* *Steph.*
- O. SCABROSUS *Marsh.* *Steph.* Dollar; Berwickshire; East Lothian, &c.
 crispatus *Def.*
- O. LIGNEUS *Oliv.* *Schön.* Near Edinburgh; Little Ross.
 scabridus *Kirby,* *Schön.* *Steph.*
- O. MAURUS *Gyll.* *Steph.* Summit of Hartfell; Halleath woods;
 Bructeri *Illig.* Dunoon; Catlaw in Forfarshire.
 demotus *Schön.*
 Wiesurii *Parreyss.*
 Silesiacus *Besser.*
- OMIAS *Schön.*
- OTIORHYNCHUS *Germ.*
Steph.
- BRACHYSOMUS *Steph.*
- O. BOHEMANNII *Schön.* Aytoun, Berwickshire. Mr Hardy.
- O. HIRSUTULUS *Fab.* *Steph.* Scarce. Musselburgh; Dollar; Fife; Berwickshire.
 scabriculus *Herbst.*
 Scaber *Müller.*

- O. BRUNNIPES Oliv. Occasional.
piceus Germ. Steph.
gracilis Beck.
Araneiformis Schrank.
- O. SULCIFRONS Schön. Dalmeny Park; Girrict; Penmanshiel; Preston.
- TRACHYPHLŒUS Germ.**
- T. SCABRICULUS Payk. Gyll. Rare. Berwickshire; Dumfriesshire.
 (not Lin.) Mr Hardy. Rev. W. Little.
confinis Steph.
bifoveolatus Beck.
Viverra Herbst.
- T. SCABER Lin. Blackford hill, near Edinburgh;
tesselatus Marsh. Steph. Dollar; sea-coast of Berwickshire,
echinatus Dej. near Cockburnspath.
- PHYLLOBIUS Schön.**
- PH. CALCARATUS Fab. Generally distributed.
Pyri Illig. Dej. Steph.
cæsius Marsh. Kirby, Steph.
- PH. ALNETI Fab. Steph. Common on the nettle and umbelliferous plants in June.
Pyri Gyll. Schön.
Cnides Marsh. Kirby.
- PH. ARGENTATUS Lin. Steph. Common.
sericens Pilare.
- PH. MACULICORNIS Germ. Steph. Occasional.
- PH. OBLONGUS Lin (Nemoicus,) Common in woods, though somewhat local.
Steph.
floricola Herbst.
Pruni Scopola.
Querneus Fourc.
fuscus Larch.
var. rufescens Marsh.
- PH. VESPERTINUS Fab. Common, and generally distributed.
Mali Fab.
fulvipes Fab.
amaurus Marsh.
- PH. UNIFORMIS Marsh. Schön. Common.
parvulus Gyll. Steph.
minutus Steph.
Pomonæ Schön.
- PH. POMONÆ Oliv. Germ. Steph. Abundant on nettles, &c.
uniformis Steph.
albidus Steph.

- PH. VIRIDICOLLIS *Fab.* *Steph.* Very local. Common on nettles near Edinburgh; East Lothian; Berwickshire.
- LIMOBIUS *Schön.*
- PHYTONOMUS *Schön.*
- HYPERA *Germ.* *Steph.*
- L. DISSIMILIS *Gyll.* *Germ.* *Schön.* Queensferry sea-shore, among Ono-fulvipes *Steph.* fulvipes *Curtis.* Dr Greville.
- PHYTONOMUS *Schön.*
- HYPERA *Germ.* *Steph.*
- PLINTHUS *Lat.*
- PH. PUNCTATUS *Fab.* *Steph.* Occasional.
- Austriaca *Herbst.*
- media *Marsh.*
- PH. FASCICULATUS *Herbst.* *Steph.* Musselburgh. Dollar.
- fasciculosa *Gyll.* *Ent. Edin.* Mr J. T. Syme.
- Danei *Oliv.*
- PH. POLYGONI *Lin.* *Steph.* *Schön.* Generally distributed.
- fasciatus *De Geer.*
- striatus *Herbst.*
- cinereus *Oliv.*
- Arator *Lin.* *Steph.*
- canescens *Steph.*
- Viciae *Steph.*
- picicornis *Steph.*
- PH. RUMICIS *Lin.* *Steph.* On docks, near Edinburgh; Kinross-shire; Forfarshire; Berwickshire; Dumfriesshire, &c.
- Acetosae *Panz.*
- pyrrhodactylus (*Procas,*) *Marsh.* *Steph.*
- PA. MURINUS *Fab.* (not *Steph.*) Sandy ground on coast of Firth of Forth, near Edinburgh; Dollar; Raehills.
- nebulosa *Steph.*
- elongata *Steph.* (not *Payk.*)
- fuscocinerea *Marsh.*
- PH. PLANTAGINIS *Dej.* *Steph.* Dalmeny Park. Mr R. N. Greville.
- villosula *Wilh.* *Steph.*
- PH. NIGRIROSTRIS *Fab.* *Steph.* Common everywhere.
- PH. VARIABILIS *Herbst.* *Steph.* Occasional, near Edinburgh; Little Ross; Kirkcudbrightshire; Dumfriesshire.
- sublineata *Kirb.* *Steph.*
- bimaculatus *Marsh.*
- postica *Gyll.*
- vilosula *Wilh.* *Steph.*
- stramineus *Marsh.*
- phœopa *Steph.*
- rufipes *Steph.*

Ph. SUSPICIOSUS *Herbst. Schön.* Near Edinburgh.

Steph.
miles Payk. Steph.
bitæniatus Marsh.
pedestris Payk. Steph.

TROPIPHORUS *Schön.*

BARYNOTUS *Germ. Steph.*
BRACHYRINUS *Lat.*

T. MERCURIALIS *Fab. Schön.* Occasional.

Steph.
lapidarius Payk.
lepidotus Herbst.
obtusus Bonsd. Lat.
Suecicus Lin.
attenuatus Dej.
var. Terricola Newm.

LEIOSOMUS *Kirby, Steph.*

MOLYTES *Dej.*

L. OVATULUS *Clair.* Occasional.

punctatus Marsh. Steph.
deflexus Panz.
crassicollis Dej.

HYLOBIUS *Schön.*

H. ABIETIS *Lin.* Common on fir trees.
Pini Marsh.
Juniperi Stroem.
excavatus Schrank.
Norvegicus Petit.
tigrinus Fourc.

H. PINASTRI *Gyll.* Said to have been taken in Scotland
 by Dr Leach. *Ent. Edin.*

BARYNOTUS *Germ. Schön.*

GASTRODUS *Dej.*
MERIONUS *Steph.*

B. OBSCURUS *Fab. Steph.* Common.
murinus Bonsd.
honorus Herbst.
pilosus Marsh.
vagus Laid.

B. MEREENS *Fab.* Scarce. Lasswade; Roxburghshire;
Bohemanni Gyll. Dumfriesshire; Berwickshire.
elevatus Marsh. Steph.

LIOPHLÆUS *Germ.* *Schön.*

- L. NUBILUS *Fab.* *Steph.* Not rare. On umbelliferous plants.
tesselatus *Lat.*
 var. *Maurns Marsh.* *Steph.* Forfarshire. Misses Lyell.

ALOPHUS *Schön.*

- A. TRIGUTTATUS *Fab.* Not common; but generally distributed.
cordiger *Sulz.*
melanocardius *Herbst.*
desertus *Panz.* (*Phytonomus*) *Sch.*
 δ *striatorostris* *Marsh.*
rufimanus *Marsh.*

CLEONUS *Schön.*

- C. SULCIROSTRIS *Lin.* *Steph.* Rare. Occasionally taken on sandy spots near the shores of the Firth of Forth, and along the sea-coast near Cockburnspath.
- (*BOTHYNODERUS* *Schön.*)

- C. ALBIDUS *Fab.* *Steph.* Portobello, near Edinburgh.
niveus *Bonsd.* Dr Leach. *Steph. Illust.*
candidus *Herbst.*
affinis *Schränk.*

POLYDRUSUS *Germ.*

- P. UNDATUS *Fab.* *Steph.* Not common. Roxburghshire; Dumfriesshire; Dollar; Pressmenan Wood, East Lothian, on the oak and birch; Berwickshire.
tereticollis *De Geer.* *Lat.*
albofasciatus *Herbst.*
cinereus *Schaller.*
fulvicornis *Steph.* (not *Fab.* *Gyll.*)
selenius *Marsh.*
rufipes *Lin.*

- P. PTERYGOMALIS *Schön.* Near Edinburgh, Dumfriesshire, Berwickshire.
flavipes *Marsh.*

- P. MICANS *Fab.* *Steph.* Not common. Near Edinburgh, Dalkeith, Roslin, &c.; Lanarkshire, near Hamilton; Berwicksh.
- argentatus* *Fourc.*

- P. CERVINUS *Lin.* *Steph.* Local. Common on fir trees in Kinross-shire.
messor *Herbst.*
 var. *maculatus* *Herbst.*
 — *atomarius* *Dej.*
griseoæneus *De Geer.*

SITONES *Schön.*SITONA *Germ. Steph.*

- S. GRISEUS *Fab.* (not *Steph.*) Forfarshire. *Steph. Illust.*
palliatus Oliv.
fusca Marsh. Steph.
- S. REGENTSTEINENSIS *Herbst.* Near Edinburgh; Dollar, Kinross-shire, Aberdeen, Argyllshire, East Ulicis *Kirby, Steph.* Lothian, Berwickshire, &c.
Spartii Kirby, Steph.
femoralis Steph.
pleuritica Steph.
- S. SULCIFRONS *Thunb. Germ.* Common.
Schön. Steph.
campestris Oliv.
tibialis Gyll. Steph. (not Herbst.)
subaurata Kirby, Steph.
- S. LINEATUS *Lin. Germ. Steph.* Very common.
squamosus Lin.
intersectus Fourc.
chloropus Lin.
ruficlavus Marsh. Steph.
griseus Marsh. (not Fab. Steph.)
- S. FLAVESCENS *Marsh. Steph.* Common.
octo-punctatus Schön. (not Germ.)
nigriclavus Marsh. Steph.
caninus Gyll. Steph.
longiclavus Marsh. Steph.
griseus Kirby, Steph. (not Fab.)
lineatus Fab.
- S. HUMERALIS *Kirby, Steph.* Raehills, Dumfriesshire; Berwickshire.
Pisi Steph.
promptus Schön.
- S. HISPIDULUS *Fab. Steph.* Near Edinburgh; Kinross-shire, Dumfriesshire, Berwickshire, &c.
Schön.
pallipes Steph.
- S. SUTURALIS *Steph.* Dalmeny; Cramond; Berwickshire.
rufipes Marsh. (not Lin.)

S. TIBIALIS *Herbst.* *Germ.* *Schön.* Common.
chloropus *Marsh.*
lineellus *Gyll.* *Schön.* (not
Steph.)
ambiguns (var.) *Schön.*
albescens *Kirby.*
affinis *Kirby.*
lineatulus *Kirby.*

S. CRINITA *Oliv.* *Steph.* *Schön.* Dalmeny Park. Mr R. N. Greville, and
lineella *Steph.* Rev. W. Little.
albescens *Steph.*
macularius *Marsh.*

SCIAPHILUS *Schön.*

S. MURICATUS *Fab.* *Steph.* Occasional. Near Edinburgh; Kin-
planirostris *Lin.* ross-shire; Whittingham, East
asperatus *Lat.* (*Brachy-* Lothian; Berwickshire, &c.
cerus.)

STROPHOSOMUS *Bilb.* *Schön.* *Steph.*

CNEORHINUS *Schön.* *Dej.*

S. CORYLI *Fab.* *Steph.* Very common on hazel and fir.
illibatus *Schön.*
var. *obesus* *Marsh.* *Steph.* Occasional. Near Edinburgh.
cognatus *Steph.*
subrotundus *Marsh.* *Steph.*
var. *cervinus* *Fab.* Dalmeny Park; Kinross-shire.
Asperifoliarum *Kirby,*
Steph.
rufipes *Steph.*
nigricans *Steph.*
atomarius *Marsh.* *Steph.*
nebulosus *Steph.*
var. *affinis* *Dej.*
truncatus *Lat.*

S. RETUSUS *Marsh.* *Steph.* Near Edinburgh; Berwickshire;
squamulatus *Steph.* (not Raehills, &c.
Herbst.)
alternans *Schön.*
oxyops *Schön.*

S. FABER *Herbst. Germ. Schön.* Not uncommon.

chaetophorus Steph.

septentrionis Steph.

pilosellus Gyll. Steph.

limbatus Dej. Marsh. (not
Steph.)

S. LIMBATUS *Steph.* Common.

CNEORHINUS *Schön.*

THYLACITES *Steph.*

PHILOPEDON *Schön. Steph.*

C. GEMINATUS *Fab. Gyll. Steph.* Musselburgh Links ; sea-coast, near
Schön. Skateraw, East Lothian, and near

albicans Schön.

Cockburnspath, Berwickshire.

parapleurus Marsh. Steph.

maritimus Marsh.

scrobiculatus Marsh. Steph.

globatus Lat.

RAMPHUS *Clair.*

R. FLAVICORNIS *Clair. Dum.* Arthur Seat. Kinross-shire ; Ber-
plicarius *Steph.* wickshire, &c.

APION *Herbst, Steph.*

OXYSTOMA *Herbst, Steph.*

A. POMONÆ *Fab. Steph.* Dalmeny Park. Mr R. N. Greville, and
cœruleum Kirby. Rev. W. Little.

cyaneum Panz. (not *Gyll.*
Dej.)

A. CRACCÆ *Lin. Steph.* Dalmeny Park. Mr R. N. Greville, and
♂ ruficorne Germ. Sahlb. Rev. W. Little.

A. SUBULATUM *Kirby, Germ.* Steph. Berwickshire ; Roxburghshire ; Dum-
friesshire.

A. ÆNEUM *Fab. Steph.* Near Edinburgh ; Dalmeny.

A. RADIOLUS *Kirby, Steph.* Common. Near Edinburgh ; Dollar.
atterimum Gyll.
var. *æneum Payk.*

A. ONOPORDI *Kirby, Steph.* Common. Dalmeny Park ; Girrick ;
Raehills, &c.

A. GIBBIROSTRE *Gyll. Sahlb.* Berwickshire ; Roxburghshire ; Dal-
Carduorum Kirby, Dej. meny.
Steph.

- A. HYDROLAPATHI *Marsh. Steph.* Near Edinburgh ; Raehills.
cœruleopenne *Steph.*
- A. ULCIS *Forst. Steph. (Oxy-* Generally distributed. Very plenti-
stoma Steph.) ful on furze on Musselburgh Links.
- A. FUSCIROSTRE *Fab. Steph.* Juniper Green, near Edinburgh.
(*Oxystoma Steph.*) Mr R. N. Greville.
melanopum Marsh. Steph.
- A. MALVÆ *Fab. Steph.* Near Edinburgh. Ent. Edin.
- A. VICLÆ *Payk. Dej. Steph.* Near Edinburgh ; Dollar ; Ber-
Griesbachii *Steph.* wickshire.
Trifolii *Lin.*
- A. VARIPES *Germ. Steph.* Dalmeny Park. Mr R. N. Greville.
flavipes *Gyll.*
flavifemoratum *Kirby.*
- A. APRICANS *Herbst, Steph.* Very common.
- A. FLAVIPES *Fab. Steph.* Common.
- A. ÆSTIVUM *Germ. Sahlb. Steph.* Raehills. Rev. W. Little.
- A. ASSIMILE *Gyll. Kirby, Steph.* Dalmeny Park. Mr R. N. Greville.
- A. MINIATUM *Sahlb. Dej.* Occasional throughout Scotland.
frumentarium *Steph. (not*
Lin.)
- A. FRUMENTARIUM *Lin. Gyll. Sahlb.* More frequent.
haematodes *Steph.*
purpureum *Lat.*
ferrugineum *Dej.*
- A. CRUENTATUM *Walton.* Near Penmansheil. Mr. Hardy.
- A. TENUE *Kirby, Steph.* Rare. Loanhead and Cramond ;
Raehills.
- A. SENICULUS *Kirby, Steph.* Cramond. Rev. W. Little.
tenuis *Dej. Gyll.*
plebeium *Germ.*
elongatum *Germ.*
- A. ONONIS *Kirby, Steph.* On Ononis arvensis. Near Edin-
♂ cinerascens *Germ.* burgh, North Berwick, Kinross-
shire, Berwickshire, Dumfries-
shire, &c.
- A. ERVI *Kirby, Sahlb. Steph.* Common on Lathyrus pratensis
var. *Lathyri Kirby, Steph.* near Edinburgh ; Dollar ; Ber-
wickshire ; Dumfriesshire, &c.

- A. *LOTI* Kirby, Steph. Dalmeny Park ; Berwickshire.
- A. *VIRENS* Herbst, Sahlb. Steph. Generally distributed.
 aeneocephalum Gyll.
 cyaneum Dej.
 ♂ Marchicum Steph.
- A. *PUNCTIGERUM* Germ. Steph. Dalmeny Park. Mr R. N. Greville.
 var. *varicifrons* Herbst.
- A. *FOVEOLATUM* Kirby, Steph. Near Edinburgh. Dr Greville.
 cyaneum Gyll. Dej.
- A. *SPENCHII* Kir. Steph. Arthur Seat, near Edinburgh ; Berwickshire.
- A. *SPARTII* Kir. Steph. Rare, near Edinburgh. Ent. Edin.
- A. *ASTRAGALI* Payk. Steph. Queensferry. Dr Greville.
- A. *VORAX* Sahlb. Steph.
 ♂ fuscicornis Marsh.
 ♀ villosulum Marsh.
- A. *PAVIDUM* Germ. Steph. Dollar. Mr J. T. Syme.
 Ervi var. γ Steph.
- A. *STRIATUM* Kirby, Steph. Not rare.
- Pisi Steph. (not Fab.)
- A. *PISI* Fab. Schön.
 gravidum Oliv.
 pasticum Germ.
 punctifrons Steph.
- A. *IMMUNE* Kirby, Steph. On broom and furze near Edinburgh ; Berwickshire.
- A. *HUMILE* Germ. Sahlb. Steph. Kinross-shire ; Near Edinburgh ;
 brevirostre Dej.
 curtirostre Steph. Germ.
 Sedi Gyll.
- A. *MINIMUM* Herbst. Raehills. Rev. W. Little.
 velox Steph.
 crenatum Dej.
- A. *VIOLACEUM* Kirby, Sahlb. Steph. Generally distributed.
 Hydrolapathi Dej.
 cyaneum Oliv. (not Panz.
 nor Gyll.)
- A. *MARCHICUM* Herbst, Sahlb. Near Edinburgh ; Berwickshire ;
 violaceum Dej. (not Steph.) Dumfriesshire.
 Rumicis Steph. Germ.

A. AFFINE *Kirby*, *Germ.* *Steph.* Dumfriesshire; Cramond. Rev. W. Little.
 A. SUBSULCATUM *Marsh.* *Steph.* Dalmeny; Berwickshire.

RHINOMACER *Fab.*

R. ATTELABOIDES *Fab.* *Steph.* Scarce. Dalmeny Park; Kirknewton; Peasedean; Howparkdean; near Swinton; Jardine Hall; Kirkpatrick Juxta; Rannoch, &c.

RHYNCHITES *Herbst,*
Steph.

DEPORAUS *Leach*, *Steph.*

R. ÆQUATUS *Lin.* *Steph.* Slateford. *Ent. Edin.*
purpureus Oliv.

R. CUPREUS *Lin.* *Steph.* Kirkpatrick Juxta, on the mountain
aeneus Lat. ash. Rev. W. Little.
punctatus Herbst.

R. MEGACEPHALUS *Germ.* Dalmeny Park; Girrict; Penmanshiel wood; Berwickshire; Rae-hills; Dumfriesshire, &c.
angustatus Dej.
Alliariæ Steph. (not *Fab.*
Dej.)
Mannerheimii Humm.
laevicollis Steph.
cyaneopennis Steph.

R. PAUXILLUS *Germ.* *Steph.* Kirkpatrick Juxta. Rev. W. Little.

R. GERMANICUS *Herbst.* Dalmeny Park; Penmanshiel wood.
minutus Herbst, Steph.
arquatus Dej.
viridis Mej.

R. FRAGARIAE *Sturm.* *Schön.* Penmanshiel wood; Berwickshire;
arquatus Dej. Raehills; Dumfriesshire.
aeneovirens Marsh. *Steph.*
virescens Zieg.

R. NANUS *Payk.* Penmanshiel wood; Berwickshire;
Alliariæ Lin. Raehills.
cylindricus Kirby, Steph.

R. BETULETI *Fab.* *Herbst.* Roxburghshire and Dumfriesshire;
Betulae Lin. *Steph.* (*Deporaus Lea.* *Steph.*) Berwickshire.

R. BETULÆ *Lin.* Roslin. *Ent. Edin.*
femoratus Lat.

R. OPHTHALMICUS *Steph.* Dollar. Mr J. T. Syme.

ATTELABUS Lin.

A. CURCULIONIDIS Lin. Steph. Dalmeny Park, Penmanshiel wood,
&c.

APODERUS Oliv.

A. CORYLI Lin. Dalmeny Park ; Beld Craig, near
Avellanae Lin. Panz. Steph. Moffat; Dumfriesshire ; Berwick-
shire.

BRUCHUS Lin.

B. RUFIMANUS Schön. In beans, &c., in seed shops, Edin-
burgh.

B. PISI Lin. Steph. Glasgow, among pease (imported.)
Mr Hislop.

FAMILY CERAMBYCIDÆ.

PHYMATODES Muls.

Redten.

CALLIDIUM Fab. Steph.

PII. VARIABILIS Lin. Steph. A pair taken in the New Town of
Edinburgh. Rev. W. Little.

ASEMUM Esch.

CALLIDIUM Fab.

A. STRIATUM Lin. Steph. Rare near Edinburgh ; Dollar, &c. ;
Not scarce near Kirriemuir.

CLYTUS Fab. Steph.

C. ARIETIS Lin. Steph. Lanarkshire ; Hamilton. Mr J. Blyth.
quadrifasciatus De Geer. Near Carnwath. Mr A. Hepburn.
Near Edinburgh. Sir Patrick Walker.

LEIOPUS Serv.

POGONOCHERUS Mej.
Steph.

L. NEBULOSUS Lin. Steph. In woods near Edinburgh ; Dalkeith
Park ; Roslin ; Berwickshire, &c.

AEDILIS Serv.

ASTYNOMUS Dej.

ACANTHOCINUS Panz.
Steph.

<i>E. MONTANA Serv. Mulst.</i>	Rare in most parts of Scotland ; not scarce in Rannoch, Perthshire.
<i>POGONOCHERUS Mej.</i>	
<i>Dej. Steph.</i>	
<i>P. HISPIDUS Fab. Steph.</i>	Roslin.
<i>P. PILOSUS Fab. Steph.</i>	Moffat.
<i>hispidus Panz.</i>	Dr Knapp. Rev. W. Little.
<i>MONOHAMMUS Dej.</i>	
<i>Muls.</i>	
<i>MONOCHAMUS Serv. Steph.</i>	
<i>M. DENTATOR Fab. Steph.</i>	Taken alive in Glasgow — (a North American species.) Mr R. Hislop.
<i>LAMIA Fab. Serv.</i>	
<i>I. TEXTOR Lin. Steph.</i>	Rannoch, Perthshire. Argyllshire. Mr Weaver and Dr Nelson. Rev. George Little.
<i>DORCADION Dalman,</i>	
<i>Muls.</i>	
<i>D. FULIGINATOR Lin.</i>	A single specimen found creeping over wet sea-weed in St Andrews Bay. Dr Lowe.
<i>ANÆREA Muls.</i>	
<i>SAPERDA Fab. Steph.</i>	
<i>A. CARCHARIAS Lin. Steph.</i>	Sutherlandshire. A. Murray, per Mr A. Young.
<i>punctata De Geer.</i>	
<i>SAPERDA Fab. Steph.</i>	
<i>S. SCALARIS Lin. Steph.</i>	Rannoch, in Perthshire. Raehills. Mr Weaver and Dr Nelson. Rev. W. Little.
<i>RHAGIUM Fab.</i>	
<i>R. BIFASCIATUM Fab. Steph.</i>	In fir stumps, near Edinburgh ; Clackmannan ; Dollar ; Dumfries-shire ; Dunoon ; Berwickshire.
<i>R. INDAGATOR Fab. Steph.</i>	Raehills ; Rannoch.
<i>R. INQUISITOR Lin. Steph.</i>	Dumfriesshire ; Berwickshire ; Rannoch.
<i>PACHYTA Mej.</i>	
<i>P. OCTOMACULATA Fab. Steph.</i>	Once taken in Peasedean, Berwickshire. Mr Hardy.

STRANGALIA *Serv. Dej.*
Muls.

STENURA *Dej.*

LEPTURA *Lin. Steph.*

S. ARMATA *Herbst, Gyll.* Little Ross ; Kirkcudbrightshire.
elongata Rossi. Steph. Mr J. T. Syme.

S. QUADRIFASCIATA *Lin. Steph.* Rachills ; Dumfriesshire ; Rannoch.

GRAMMOPTERA *Serv.*
Muls.

LEPTURA *Steph.*

G. LÆVIS *Fab. Steph.* Peasedean, Berwicksh. ; Midcalder.
G. RUFICORNIS *Fab. Steph.* Colinton, near Edinburgh ; Pease-dean.

FAMILY DONACIADÆ.

DONACIA *Fab.*

- | | | |
|--|--|---------------|
| D. CRASSIPES <i>Fab. Steph.</i> | Mull. | Mr R. Hislop. |
| <i>striata Panz.</i> | | |
| <i>micans Hoppe.</i> | | |
| <i>aquatica var. b. Lin.</i> | | |
| <i>spinosa De Geer.</i> | | |
| D. BIDENS <i>Oliv. (not Dej.)</i> | Duddingston Loch and Ravelrig ;
Coldingham Moor, Berwickshire. | |
| <i>clavipes Payk.</i> | | |
| <i>cincta Germ. Steph.</i> | | |
| <i>micans Marsh.</i> | | |
| <i>aquatica Martyn.</i> | | |
| D. DENTIPES <i>Fab. Steph.</i> | Dollar ; Glasgow ; Coldstream. | |
| <i>vittata Oliv.</i> | | |
| <i>fasciata Hoppe.</i> | | |
| <i>nitida Lin.</i> | | |
| D. LEMNÆ <i>Fab. Steph.</i> | On aquatic plants in Duddingston
Loch ; Lochend. | |
| <i>marginata Hoppe.</i> | | |
| <i>vittata Panz.</i> | | |
| <i>limbata Panz.</i> | | |
| <i>lateralis Bon.</i> | | |
| D. SAGITTARLÆ <i>Fab. Steph.</i> | On aquatic plants in ponds near
Edinburgh ; near Milngavie ; near
Glasgow. | |
| <i>aurea Hoppe.</i> | | |
| <i>bicolor Lin.</i> | | |

- D. IMPRESSA *Gyll.* *Steph.* Ayrshire. Mr Hardy.
- D. MENYANTHIDIS *Fab.* *Steph.* Duddingston Loch. Scarce.
crassipes *Lin.* (not *Fab.*)
clavipes *Fab.*
simplex *Payh.* Marsh.
- D. LINEARIS *Hoppe,* *Steph.* Common on reedy lakes and ponds.
simplex *Fab.*
- D. TYPHAE *Brahm.* Near Glasgow. Mr R. Hislop.
linearis var. b. *Gyll.*
- D. SIMPLEX *Fab.* *Steph.* Braid ponds; Lochleven.
semi-cuprea *Panz.*
vulgaris *Lin.*
- D. SERICEA *Illig.* *Gyll.* Dollar; Braid marshes; Berwickshire.
Proteus *Steph.*

HAEMONIA *Mej.*

MACROPLEA *Curt.* *Steph.*

- H. ZOSTERÆ *Fab.* *Steph.* Loch of Forfar. Dr Gilbert McNab.
Ruppix *Germ.*
Schiodtei *Guérin.*
mutica *Fab.* (not *Payh.*)
-

FAMILY CHRYSOMELIDÆ.

DIVISION LEMIDÆ.

LEMA *Fab.*

CRIOCERIS *Geoff.* *Steph.*

- L. RUGICOLLIS *Suffrian.* On the Eden, near Nenthorn. Girrict.
puncticollis *Curtis,* *Steph.* Mr Hardy. Mr Hislop.
cyanella *Fab.* *Gyll.*
- L. CYANELLA *Fab.* *Steph.* Occasional throughout Scotland.
var. A obscura? *Steph.* Near Edinburgh. Mr R. N. Greville.
- L. MELANOPA *Lin.* *Steph.* Dollar; near Edinburgh; Penmanshiel.
Hordei *Fourc.*
cyanipennis *Duf.*

DIVISION CASSIDIDÆ.

CASSIDA Lin.

- C. EQUESTRIS *Fab.* *Steph.* Near Edinburgh ; Dumfriesshire.
viridis Lin.
- C. RUBIGINOSA *Illig.* *Steph.* Kinross-shire; near Edinburgh ; Dum-
prasina Fab. coll. friesshire ; East Lothian ; Berwick-
viridis Fab. coll. shire.
vibex Fab. coll.
- C. OBSOLETA *Illig.* *Steph.* Cramond ; Raehills ; Penmanshiel ;
nebulosa Fab. (not Lin.) Girrick ; Glasgow.
exculta Charp.

DIVISION GALLERUCIDÆ.

ADIMONIA Laich.

GALLERUCA *Fab.* *Steph.*

- A. TANACETI *Fab.* *Steph.* Occasional.
- A. CAPRÆ *Lin.* *Steph.* Among heather ; plentiful in Autumn
 among Pentlands, near Edinburgh ; Dollar ; Dumfriesshire ;
 Berwickshire, &c.

GALERUCA *Geoff.* *Steph.*

- G. VIBURNI *Payk.* *Steph.* Raehills. Rev. W. Little.
- G. NYMPHEÆ *Lin.* *Steph.* Dollar ; Berwickshire.
- G. LINEOLA *Fab.* *Panz.* *Steph.* Raehills. Rev. W. Little.
- G. CALMARIENSIS *Lin.* *Steph.* Raehills. Rev. W. Little.
Lythri Gyll.
- G. TENELLA *Lin.* *Steph.* Torwood ; Raehills ; Dollar ; Ber-
 wickshire.

AGELASTICA *Chev.* *Dej.*ADIMONIA, *Schr.* *Steph.*

- A. HALENSIS *Lin.* *Steph.* Berwick-on-Tweed. Dr Philip M'Lagan.
nigricornis Fab.

LUPERUS *Geoff.* *Steph.*

- L. RUFIPES *Fab.* *Steph.* Occasional.
- L. FLAVIPES *Lin.* *Steph.* Occasional.

ALTICA *Lin.*HALTICA *Illig.* *Steph.*(GRAPTODERA *Chev.*)

A. OLERACEA <i>Fab.</i> <i>Duft.</i> <i>Steph.</i>	Generally distributed.	
A. ERUCÆ <i>Fab.</i> <i>Steph.</i>	Cramond, and near Portobello.	
Lythri <i>Chev.</i> <i>Aubé.</i>		
(PODAGRICA <i>Chev.</i>)		
A. FUSCIPES <i>Fab.</i>	Dumfriesshire.	Rev. W. Little.
(CREPIDODERA <i>Chev.</i>)		
A. EXOLETA <i>Lin.</i>	Common.	
<i>flava Lin.</i> <i>Steph.</i>		
<i>similis Kirby, Steph.</i>		
A. TRANSVERSA <i>Marsh.</i>	Common.	
<i>ferruginea Steph.</i>		
A. RUFIPES <i>Lin.</i> <i>Steph.</i>	Near Edinburgh ; Dollar.	
<i>ruficornis Ent : Heft.</i>		
A. NITIDULA <i>Fab.</i> <i>Steph.</i>	Raehills.	Rev. W. Little.
A. HELXINES <i>Fab.</i> <i>Steph.</i>	Near Edinburgh ; Dollar ; Dumfries-	
<i>gaudens Kirby, Steph.</i>	shire ; Glasgow ; Berwicksh., &c.	
<i>fulvicornis Fab. Steph.</i>		
A. PULCHELLA <i>Steph.</i>	Dumfriesshire.	
<i>cyanæa Marsh.</i> <i>Steph.</i>		
<i>metallica Duft.</i>		
♂ <i>aurata Marsh.</i> <i>Steph.</i>		
A. MODEERI <i>Lin.</i> <i>Steph.</i>	Raehills.	Berwickshire.
	Rev. W. Little.	Mr Hislop.
(PHYLLOTRETA <i>Chev.</i>)		
A. BRASSICÆ <i>Fab.</i> <i>Steph.</i>	Raehills.	Rev. W. Little.
<i>4-pustulatata Illig.</i> <i>Ent :</i>		
<i>Heft.</i>		
<i>4-guttata Steph.</i>		
A. FLEXUOSA <i>Ent : Heft.</i> <i>Steph.</i>	Queensferry.	Near Glasgow.
A. NEMORUM <i>Lin.</i> <i>Steph.</i>	Very common.	
A. ATRA <i>Ent : Heft.</i> <i>Dej.</i>	Raehills.	Rev. W. Little.
<i>obscurella Illig.</i> <i>Dej.</i> <i>Steph.</i>		
A. LEPIDIÆ <i>Ent : Heft.</i> <i>Gyll.</i> <i>Steph.</i>	Raehills.	Rev. W. Little.
(APHTHONA <i>Chev.</i>)		
A. EUPHORBLÆ <i>Fab.</i> <i>Gyll.</i> <i>Steph.</i>	Raehills.	Rev. W. Little.
A. ATROCCÆRULEA <i>Steph.</i>	Queensferry.	Mr R. N. Greville.
A. PSEUDACORI <i>Marsh.</i> <i>Steph.</i>	Near Edinburgh ; Glasgow ; Dollar ;	
<i>violacea Ent : Heft.</i>	Dalmeny, on leaves of Iris Pseu-	
	dacori.	

(BALANOMORPHA *Chev.*)MANTURA *Steph.*

A. RUSTICA *Lin. Steph.* Occasional.
semi-aenea *Ent: Heft. Steph.*

A. OBTUSATA *Gyll. Steph.* Dollar; Raehills; Stitchell.

LONGITARSUS *Lat.*THYAMIS *Steph.*

L. ANCHUSÆ *Payk. Gyll. Steph.* Raehills. Rev. W. Little.
tristis *Dej.*
convexa *Steph.*

L. APICALIS *Waterh.* Berwickshire. Mr Hardy.

L. HOLSATICUS *Lin. Ent: Heft.* Raehills; Dunoon.

L. QUADRIPISTULATUS *Fab.* Raehills. Rev. W. Little.
Steph.
4-maculatus *Ent: Heft.*

L. OCHROLEUCUS *Marsh. Steph.* Occasional.

L. TABIDUS *Fab. Steph.* Common on *Senecio Jacobaea* in autumn.

L. MELANOCEPHALUS *Gyll. Sch.* Near Edinburgh; Raehills; Berwickshire, &c.
picipes *Steph.*
confinis *Kirby, Steph.*
atricillus *Lin. Steph.*
atriceps *Steph.*

L. FEMORALIS *Marsh. Gyll. Steph.* Near Edinburgh; East Lothian, &c.

L. SUTURALIS *Marsh. Steph.* Occasional.

L. THORACICA *Kirby, Steph.* Not unfrequent.
fuscicollis *Kirby, Steph.*
dimidiata *Steph.*
atricornis *Steph.*

L. PALLENS *Kirby, Steph.* Arthur Seat; Raehills; Juniper Green, &c.

L. FUSCESCENS *Kirby, Steph.* Raehills.

L. LURIDUS *Gyll. Steph.* Common in autumn.
castanea *Meg. Steph.*
brunnea *Duft. Steph.*
nigricans *Kirby, Steph.*

L. PULEX <i>Marsh.</i> <i>Steph.</i>	Dollar ; Dalmeny Park, &c.	
L. HILARIS <i>Kirby</i> , <i>Steph.</i> <i>pilaris</i> <i>Curtis.</i>	Rae hills.	Rev. W. Little.
L. PARVULUS <i>Payk.</i> <i>Gyll.</i> <i>Steph.</i>	Rae hills.	Rev. W. Little.

PSYLLIODES *Lat.*

MACROCNEMA <i>Steph.</i>		
P. HYOSCYAMI <i>Lin.</i> <i>Steph.</i>	Dalmeny.	Dr Greville.
P. CHRYSOCEPHALA <i>Lin.</i> <i>Steph.</i> rufilabris <i>Ent:</i> <i>Heft.</i> erythrocephala <i>Lin.</i>	Portobello ; Dalmeny Park ; Berwickshire.	
P. CUCULLATA <i>Illig.</i> Spergulae <i>Gyll.</i>	Queensferry ; Penmanshiel.	
P. RAPE <i>Illig.</i> <i>Steph.</i> Napi <i>Ent:</i> <i>Heft.</i> <i>Steph.</i> brunnipes <i>Meg.</i> <i>Steph.</i>	Common.	
P. MARCIDA <i>Illig.</i> <i>Steph.</i>	Near Edinburgh ; coasts of Berwickshire and East Lothian.	
P. PICICORNIS <i>Kirby</i> , <i>Steph.</i> apicalis <i>Steph.</i>	Rae hills.	Rev. W. Little.
P. PICINA <i>Marsh.</i> <i>Steph.</i>	Dalmeny Park ; Cramond ; Rae hills ; Swinton, &c.	
P. ERICAE <i>Ent:</i> <i>Heft.</i> <i>Steph.</i>	Portobello ; Moffat Hills.	Mr J. T. Syme.
P. EXOLETA <i>Lin?</i> <i>Steph.</i> nigriceps <i>Kirby.</i>	Rae hills.	Rev. W. Little.
P. PALLIDA <i>Zieg.</i> ? <i>Steph.</i>	Rae hills.	Rev. W. Little.

CARDIAPUS *Curt.* *Steph.*

C. MATTHEWSII <i>Curt.</i> <i>Steph.</i>	Rae hills.	Rev. W. Little.
C. HELIANTHEMI.	Rae hills.	Rev. W. Little.

PLECTROSCELIS (*Chev.*) *Dej.*CHÆTOCNEMA *Steph.*

P. DENTIPES <i>Ent:</i> <i>Heft.</i> <i>Steph.</i> concinna <i>Marsh.</i> picipes <i>Kirby</i> , <i>Steph.</i>	Occasional.
P. ARIDELLA <i>Payk.</i> <i>Steph.</i>	Not rare.

ARGOPUS *Fisch.* *Dej.*SPHÆRODERMA *Steph.*

A. TESTACEUS <i>Fab.</i> <i>Steph.</i>	Occasional.	
A. CARDUI <i>Kirby</i> , <i>Gyll.</i>	East Lothian.	Mr Hardy.

APTEROPODA (Chev.)
Redten.

SPHERODERMA Steph.

MNIOPHILA Steph.

- A. **CILIATA Oliv.** Raehills ; near Glasgow ; Dum-
Hederae Ill. barton.
globus Duft.
orbiculata Marsh. Steph.
Graminis Ent : Heft.
- A. **MUSCORUM Ent: Heft. Steph.** Not uncommon at Raehills ; Ed-
Gibbium Melsh. mondsdean, Berwickshire ; plen-
Leodiensis Wesm. tiful near Bothwell.

DIVISION CHRYSOMELIDÆ.

TIMARCHIA (Meg.) Lat.

- T. **TENEBRICOSA Fab.** Kirkcudbrightshire. Rev. Mr Lamb.
laevigata Duft. Steph. (not
Dej.)

CHRYSOMELA Lin.

- C. **HÆMOPTERA Lin. Steph.** Scarce. Near Edinburgh, Queens-
Hottentota Fab. ferry, Dollar, &c.

- C. **SANGUINOLENTA Lin.** Queensferry.
rubromarginata De Geer.
distinguenda Steph.

- C. **MARGINALIS Duft. var.** First found in the Orkney Islands, by
Professor Edward Forbes ;
afterwards in great plenty, by
Mr J. T. Syme.

- C. **MARGINATA Lin. Steph.** Rare. Near Edinburgh, Dumfries-
shire, &c.

- C. **BANKSII Fab. Steph.** Ayrshire. Dr Gilbert M'Nab.
rubrocuprea Fourc.

- C. **LAMINA Fab.** On the sea-coast at the foot of the
laevicollis Oliv. Peaseburn, Berwickshire ; Dum-
heteropunctata Meg. friesshire.

C. FUCATA <i>Fab.</i>	Rothesay ; Berwickshire ; Dumfries-
gemellata <i>Rossi.</i>	shire.
Hyperici <i>Steph.</i> (not <i>Kin-</i> <i>derm.</i>)	
C. VARIANS <i>Fab.</i> <i>Steph.</i>	Dollar ; Linlithgow ; Berwickshire ; Dumfriesshire.
C. FULGIDA <i>Fab.</i> <i>Steph.</i>	Forfarshire ; Argyllshire ; Arran.
Graminis var. <i>Manner.</i>	
aurolimbata <i>Besser.</i>	
C. GRAMINIS <i>Lin.</i> <i>Steph.</i>	Inveray. Mr. Blyth.
C. FASTUOSA <i>Lin.</i> <i>Steph.</i>	Common on Lamium album—a very brilliant variety found in Orkney and Western Islands.
C. STAPHYLÆA <i>Lin.</i> <i>Steph.</i>	Not uncommon.
C. POLITA <i>Lin.</i> <i>Steph.</i>	Occasional.
 LINA (<i>Meg.</i>) <i>Redten.</i>	
MELASOMA (<i>Dillw.</i>) <i>Steph.</i>	
L. POPULI <i>Lin.</i> <i>Steph.</i>	Rare. Near Edinburgh ; Flisk ; Dollar ; Whittingham, East Lo- thian.
L. AENEA <i>Lin.</i> <i>Steph.</i>	On alders near Kirkpatrick Juxta, and abundant on the south bank of the Whitadder, above the Re- treat.
 GASTROPHYSA (<i>Chev.</i>) <i>Redten.</i>	
PHAEDON (<i>Meg.</i>) <i>Steph.</i>	
G. POLYGONI <i>Lin.</i> <i>Steph.</i>	Common.
G. RAPHANI <i>Fab.</i> <i>Steph.</i>	Common on dock leaves.
viridula <i>Oliv.</i>	
 PHRATORA (<i>Chev.</i>) <i>Redten.</i>	
PHAEDON <i>Steph.</i>	
Pn. VITELLINAE <i>Lin.</i> <i>Steph.</i>	In great numbers on willow bushes.
vulgatissima <i>Lin.</i>	
var. unicolor <i>Marsh.</i> <i>Steph.</i>	Not common.

PHAEDON (*Meg.*) *Redten.*

P. *BETULAE* *Lin.* *Steph.* Near Edinburgh.
parvulus *Duft.*

P. *TUMIDULA* *Kirby,* *Steph.* Common. Generally distributed.
confinis *Kirby.*
gomphoceros *Leach.*
concinna *Steph.* ?

HELLODES *Fab.* *Steph.*PHAEDON *Meg.* *Steph.*

H. *VIOLACEA* *Fab.* Edinburgh; Berwickshire; Dumfriesshire.
Beccabunga *Payk.* *Steph.*

H. *PHELLANDRII* *Lin.* *Steph.* Near Edinburgh; Dumfriesshire; Berwickshire.

H. *MARGINELLA* *Lin.* *Steph.* Not uncommon.

H. *AUCTA* *Fab.* *Steph.* Scarce. Near Edinburgh; Dollar; Berwickshire; Dumfriesshire; Glasgow; Aberdeenshire.

GONIOCTENA (*Chev.*)
Dej. *Redten.*SPARTOPHILA (*Chev.*) *Red.*CHYSOMELA *Steph.*(SPARTOPHILA *Chev.*)

G. *LITURA* *Fab.* *Steph.* Common on broom.
var. *flavicans* *Oliv.*

(GONIOCTENA *Chev.*)

G. *RUFIPES* *Payk.* *Steph.* Raehills. Rev. W. Little.
fulvipes *Duft.*
10-punctata *Steph.* (not
Lin. *Fab.*)

G. *PALLIDA* *Fab.* *Steph.* Near Edinburgh; Roslin; Whittingham; Dollar; Berwickshire.

CLYTHRA *Laicharting.*

C. *LAEVIUSCULA* *Ratzeb.* Black Forest, Rannoch. Dr Nelson.
quadripunctata *Laich.* (not
Lin. *Fab.* &c.)

CRYPTOCEPHALUS
Geoff.

C. <i>SEXPUNCTATUS</i> <i>Lin. Steph.</i>	Raehills.	Rev. W. Little.
C. <i>MORAEI</i> <i>Lin. Steph.</i>	Sutherlandshire ; Berwickshire. Mr James Wilson.	Mr Hardy.
C. <i>LINEOLA</i> <i>Fab. Steph.</i> <i>dispar Payk.</i>	Near Edinburgh. <i>Ent. Edin.</i>	Rannoch. Dr Nelson.
C. <i>VITTATUS</i> <i>Fab. Steph.</i>	Dalmeny Park.	Mr R. N. Greville.
C. <i>LABIATUS</i> <i>Lin. Steph.</i>	Occasional at Raehills ; near Paisley.	

FAMILY COCCINELLIDÆ.

CHILOCORUS *Leach,*
Muls.

C. <i>BIPUSTULATUS</i> <i>Lin. Steph.</i> <i>fasciatus Müll. Herbst.</i> <i>frontalis Thunberg.</i>	Near Edinburgh ; Craiglockhart ; Raehills.
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EXOCHOMUS *Redten.*
Muls.

CHILOCORUS *Dej. Steph.*

E. <i>QUADRIPUSTULATUS</i> <i>Lin.</i> <i>4-verrucatus Fab. Steph.</i> <i>lunulatus Zschach.</i> <i>Cassidioideus Don.</i> <i>haemotideus Chev.</i>	Kinordy, Forfarshire ; Penmanshiel wood, Berwickshire ; Raehills.
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ANISOSTICTA *Chev. Muls.*

COCCINELLA *Lin. Steph.*

A. <i>NOVEMDECIMPUNCTATA</i> <i>Lin. Steph.</i>	Not common. Near Coates, and in some other places to the west of Edinburgh. <i>Ent. Edin.</i>
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MICRASPIS *Chev. Muls.*

COCCINELLA *Lin. Steph.*

- M. DUODECIMPUNCTATA** *Lin.* Raehills. Rev. W. Little.
Steph.
suturata Gæze.
18-punctata Fuessly.
16-punctata Fourc.
11-punctata Gmelin.

HYPERASPIS *Chev. Muls.***COCCINELLA** *Lin. Steph.*

- H. REPPENSIS** *Herbst. Steph.* Cramond, near Edinburgh ; Rae-hills ; Torwood ; Oban.
♂ *bipustulata Thunb.*
♀ *nigra Zschach.*
♂ *xanthocephala Quensel.*
♀ *marginella Quens.*
marginella Fab.
♀ *Stigma Oliv.*
apicalis Dufour.

SCYMNUS *Kug. Redten,
Muls. Steph.***COCCINELLA** *Lin. Fab.***TRITOMA** *Panz.***SPHÆRIDIUM** *Herbst.*

- S. NIGRINUS** *Kugel. Steph.* Kinross-shire. Raehills. Rev. W. Little.
minimus ? Müll.
ater Westm. Thunb.
morio Payk.

- S. ANALIS** *Fab.* Rare. Raehills. Rev. W. Little.
ruficollis Oliv.
parvulus Illig. Lat. var. e.
abdominalis (Mus. Berl.)

- S. DISCOIDEUS** *Illig. Steph.* Near Edinburgh ; Berwickshire ; Dumfriesshire ; Stirlingshire.
suturalis Westm. Thunb.
limbatus Kirby, Steph.
discipennis Sturm.
var. *pusillus Müll.*
— *atriceps Steph.*
— *Pini (Pyrrhus) Marsh.*
rufipes (Meg.)
plagiatus Kullbug, Thunb.
pilosus Herbst.

RHYZOBIA Steph. Muls.

NUNDINA Dej. Redten.

- R. LITURA Fab. Steph. Occasional.
 var. hypomelanus (*Dermestes*
tes) Marsh.
 — Aurora Panz.
 — coadunatus Marsh.
 lividus Oliv.
chrysomeloides Herbst.
testaceus Fab.
fasciatus Fab.
pallidus Marsh.
Absinthii Marsh.

COCCIDULA Kug. Red.

Muls.

CACICULA Steph.

- C. RUFA Herbst. Occasional.
pectoralis Fab. Steph.
testacea Kin. Thunb.
rosea (*Silpha*) Marsh.

HIPPODAMIA Chev.

COCCINELLA Lin. Steph.
 Redten.

- H. TREDECIMPUNCTATA Lin. Scarce. Near Edinburgh. Ent. Edin.
 Steph.
trinacris Fourc.
14-punctata Don.

IDALIA Muls.

COCCINELLA Lin. Steph.

- I. LIVIDA De Geer.
pallida Thunb.
obsoleta Schneider.
 var. M-nigrum Illig. Steph. Kirkpatrick Juxta. Fir trees, Pen-
 manshiel wood, Berwickshire.

- I. BIPUNCTATA Lin. Common.
dispar Illig. Steph.
 var. 4-pustulata Scop. Lin.
 — 6-pustulata Scut. Lin.

COCCINELLA *Lin. Muls.**Steph.*

- C. UNDECIMPUNCTATA *Lin.* Common.

*Steph.**collaris Payk.*

- C. QUINQUEPUNCTATA *Lin.* Common.

Steph.

- C. SEPTEMPUNCTATA *Lin. Steph.* Common.

- C. VARIABILIS *Illig. Steph.* Very common.

*14-punctata Müller.**13-maculata Frst.**subpunctata Schrk.**13-notata Thunb.**12-punctata var. Zsch.**— humeralis Schall. Steph.*

- C. CONGLOMERATA *Lin. Steph.* Raehills ; Berwickshire.

- C. HIEROGLYPHICA *Lin. Steph.* Occasional.

HARMONIA *Muls.*COCCINELLA *Lin. Steph.*

- H. IMPUSTULATA *Lin. Steph.* Near Dalkeith ; Raehills.

*rosea De Geer.**16-punctata Scopoli.**16-maculata Fab.**conglobata Fourc. Oliv.*MYRRHA *Muls.*COCCINELLA *Lin. Steph.*

- M. OCTODECIMGUTTATA *Lin.* Far from common. Near Edinburgh ; Raehills ; Berwickshire.

MYSIA *Muls.*COCCINELLA *Lin. Steph.*

- M. OBLONGOGUTTATA *Lin. Steph.* Not scarce.

ANATIS *Muls.*COCCINELLA *Lin. Steph.*

- A. OCELLATA *Lin. Steph.* Rare. Kinross-shire ; Aberdeen-shire ; Berwickshire.

CALVIA *Muls.*

COCCINELLA *Lin.*, *Steph.*

- C. QUATUORDECIMGUTTATA Near Edinburgh; Berwickshire;
Lin. Steph. Ayrshire; Raehills, &c.

HALYZIA *Muls.*

COCCINELLA Lin. Steph.

- H. SEDECIMGUTTATA *Lin.* *Steph.* Roslin ; Cramond ; Raehills, &c.

THEA Muls.

Coccinella Lin. Steph.

- T. PUNCTATA Lin.
vigintiduopunctata Lin. Near Coates. Ent. Edin.
Steph.

LASIA Hope, Muls.

COCCINELLA Lin.

SUBCOCCINELLA Huber.

CYNGETIS Steph.

EPILACHNA Redten.

- L. GLOBOSA Schneider, Steph. Berwickshire ; Raehills.
24-punctata Fab.
gibbosa Dumeril.
25-punctata Lin.
♂ Saponariae Huber.

FAMILY LYCOPERDINIDÆ.

ENDOMYCHUS Panz.

- E. coccineus* Lin. Steph. Near Edinburgh ; Musselburgh ; Pressmenan wood, East Lothian, and Penmanshiel wood, Berwickshire.

FAMILY BLAPSIDÆ.

BLAPS *Fab.*

- B. MORTISAGA *Lin. Steph.* Generally distributed.

FAMILY OF PATRIAE.

PHILAX (*Meg. Dej.*) Brullé.

PHYLAN Steph.

- PH. CRENATUS *Dej.*
gibbus Bonelli, Steph. Ayrshire. Southerness.
 Mr J. P. Duncan. Sir Wm. Jardine.

BOLITOPHAGUS Illig. Fab.

- B. RETICULATUS Lin. Black Forest, Rannoch. Mr R. Weaver.
crenatus Fab.
gibbus Panz.

FAMILY TENERRIONIDÆ.

HETEROPHAGA *Dej.*

Redten-

ALPHITOBIUS Steph.

- H. Fagi Panz. Duft. In a loaf in Glasgow. Mr Hislop.
Oryza Herbst.
picipes Steph.
mauritanica Dej. Steph. ?

TRIBOLIUM M'Leay, Steph.

STENE *Steph.*

COLYDIUM *Herbst.*

- T. CASTANEUM Herbst. M'L. Edinburgh, (probably introduced.)
Steph. A. Murray.
ferrugineum Fab. Steph.
testaceum Fab.

TENEBRI Ω LIN. STEPH.

- T. MOLITOR Lin. Steph. Edinburgh, &c.
 T. OBSCURUS Fab. Steph. Edinburgh; between Leith and Portobello; Dunse.
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FAMILY HELOPID Ω .**HELOPS FAB.**

- H. CÆRULEUS Lin. Fab. Steph. Near Edinburgh. Ent. Edin.
 chalybeus Oliv.
 violaceus Marsh.
 H. CARABOIDES Panz. Steph. Scarce. Near Edinburgh; Dalkeith;
 striatus Oliv. Rachills; Little Ross; Kirkcud-
 Dermestoides Illig. brightshire.
-

FAMILY CISTELID Ω .**CISTELA FAB.**

- C. MURINA Fab. Steph. Common.
 variabilis Dahl.
 Reppensis Herbst.
 Maura Fab.
 fusca Marsh.
-

FAMILY SERROPALPID Ω .**MELANDRYA FAB.**

- M. CARABOIDES Lin. Steph. Woods about Ormiston, and near
 servata Fab. Sturm. Musselburgh. Ent. Edin.

PYTHO LAT.

- P. DEPRESSUS Lin. Black Forest, Rannoch, Perthshire.
 coeruleus Panz. Mr Weaver and Dr Nelson.
 castaneus Panz.

DIRCÆA Fab.

- D. DISCOLOR *Fab.* Black Forest, Rannoch, Perthshire.
lævigatus Hellenius. Mr Weaver.
Buprestoides Payk.
rufipes Besser.

ORCHESIA *Lat. Steph.*
HALLOMENUS Payk.

- O. MINOR *Walker, Steph.* New Lanark. Mr Walker.
-

FAMILY MORDELLIDÆ.

SCRAPTIA *Lat.*SERROPALPUS *Illig.*

- S. FUSCA *Lat. Steph.* Kirkpatrick Juxta. Rev. W. Little.
sericea (Dircea) Sch.

RIPIPHORUS *Fab.*METECUS *Dej.*

- R. PARADOXUS *Lin. Steph.* Very scarce. Near Edinburgh; wall
angulatus Weib. at Barnton Park in Sept.; Roslin;
Ormiston; Bothwell Castle.

MORDELLA *Lin.*

- M. ACULEATA *Lin. Steph.* Very scarce. Taken near Roslin.
Ent. Edin.

ANASPIS *Geoff.*

- A. FRONTALIS *Lin. Steph.* Near Edinburgh; Dalkeith Park;
atra Fallen. Berwickshire.

- A. RUFICOLLIS *Geoff. Fab. Steph.* Occasional.
(not Stev.)
fuscicollis Sturm.

- A. FUSCESCENS *Steph.* Near Edinburgh. A. Murray.

- A. MACULATA *Geoff. Dej.* Common in summer.
obscura Gyll.
melanopa Forst. Steph.

- A. FASCIATA *Forst. Steph.* Near Edinburgh; Nenthorn, Ber-
nigricollis Marsh. wickshire.
var. biguttata Marsh. Steph. Dalkeith Park. A. Murray.

FAMILY CANTHARIDES.

MELOE Lin.

M. PROSCARABEUS <i>Lin.</i>	Occasional.	Near Edinburgh ; Musselburgh ; Water of Leith ; near Glasgow.
vulgaris (<i>Proscarabeus</i>)		
Steph.		
♀ punctata <i>Panz.</i>		
Brunsvicensis <i>Meyer.</i>		
tectus <i>Leach.</i>		
atratus <i>Meyer.</i>		
rnigipennis <i>Mannerh.</i>		
Tauricus <i>Dej.</i>		
Volgensis <i>Tauscher.</i>		
cyanellus <i>Dej.</i>		
Gallicus <i>Dej.</i>		
M. VIOLENCEUS <i>Marsh.</i> <i>Gyll.</i>	Isle of Jura.	Mr Hislop.
Steph.		
proscarabeus <i>Panz.</i> <i>Rossi.</i> <i>Lat.</i>		
similis <i>Marsh.</i>		
Aprilinus <i>Meyer.</i>		

FAMILY RHINOSIMIDÆ.

SALPINGUS Illiger.

S. SPHAERIESTES <i>Curtis,</i>		
Steph.		
S. ATER <i>Gyll.</i> <i>Steph.</i>	Near Edinburgh ; Berwickshire ; Cramond ; Raehills ; Glasgow.	
S. FOVEOLATUS <i>Lin.</i> <i>Steph.</i>	Dalmeny ; Cramond ; Raehills ; Kin-	
immaculatus <i>Steph.</i>	ross-shire ; Berwickshire.	

RHINOSIMUS Lat.

SALPINGUS <i>Gyll.</i> <i>Steph.</i>		
R. ÆNEUS <i>Oliv.</i>	Near Edinburgh.	Dr Greville.
R. ROBORIS <i>Fab.</i>	Scarce.	Berwickshire ; Aberdeen-
ruficollis <i>Herbst.</i> <i>Gyll.</i> <i>Steph.</i>	shire.	
rostratus <i>De Geer.</i>		
R. PLANIROSTRIS <i>Fab.</i> <i>Steph.</i>	Occasional.	
fulvirostris <i>Payk.</i>		
R. RUFICOLLIS <i>Panz.</i> <i>Steph.</i>	Rachills.	Paisley.
viridipennis (<i>Zeigl.</i>)	Rev. W. Little.	Mr M. Young.

FAMILY ANTHICIDÆ.

NOTOXUS *Geoff.*N. MONOCERUS *Lin. Steph.*

Guillane Links, in plenty at the roots
of *Arundo arenaria*. Mr Syme.
Also on the sea-coast at Cock-
burnspath. Mr Hardy.
And near St Andrews. Mr H. Goodsir.

ANTHICUS *Geoff.*

A. FLORALIS *Fab. Payk.*
fuscus Marsh. Steph.
Pedicularius Schrk.
Formicoides Fourc.
Myrmecoccephalus Rossi.
calycinus Panz.
Formicarius Oliv.
Umbellatorum Dej.
basalis Villa.

Near Edinburgh; common at dung-
heaps.

A. ATER *Panz. Payk.*
Morio Dej. (not Laferté.)
fuscicornis Dej.
luteicornis Dej.
unicolor Dej.

Rae hills. Aberdeenshire.
Rev. W. Little. Mr A. Blake.

A. HUMILIS *Germ.* Kilpatrick, Dumbartonshire.
Bremei Laf. Mr Hislop.
riparius Dej.

FAMILY SCYDMÆNIDÆ.

SCYDMÆNUS *Lat.*

S. PUSILLUS *Müll. Steph.* Generally distributed.
var. *minutus Gyll.* (not *Panz.*)
Panzeri Dej.
collaris Keuz.
nigripes Marsh.

S. ELONGATUS *Müll. Steph.* Rae hills. Rev. W. Little.

S. TARSATUS *Müll. Lap.* (*Eumi-* Dumfriesshire.
erus.)
Hellwigii Lat.
minutus Panz. (not *Gyll.*)

FAMILY PSELAPHIDÆ.

PSELAPHUS <i>Herbst.</i>		
<i>Reich. Steph.</i>		
P. HEISII <i>Herbst.</i>	Raehills.	Rev. W. Little.
<i>Herbstii Erich. Steph.</i>		
BRYAXIS <i>Leach, Steph.</i>		
B. SANGUINEA <i>Fab. Steph.</i>	Raehills.	Rev. W. Little.
<i>longicornis Leach.</i>		
δ <i>laminata Motsch.</i>		
B. JUNCORUM <i>Leach, Steph.</i>	Near Penmanshiel, Berwickshire.	Mr Hardy.
B. IMPRESSA <i>Panz.</i>	Raehills.	Rev. W. Little.
<i>tripunctata Kirby.</i>		
TYCHUS <i>Leach, Denny,</i> <i>Aubé, Steph.</i>		
T. NIGER <i>Payk.</i>	Raehills.	Rev. W. Little.
BYTHINUS <i>Leach, Denny,</i> <i>Aubé, Steph.</i>		
ARCOPAGUS <i>Leach. Steph.</i>		
B. GLABRICOLLIS <i>Reich. δ Grich.</i>	Raehills.	Rev. W. Little.
<i>clavicornis Panz.</i>		
B. PUNCTICOLLIS <i>Denny, Steph.</i>	Raehills.	Moss near Penmanshiel,
δ <i>Chevrolatii Aubé,</i>		Berwickshire.
<i>regularis Schmidt.</i>		
B. BULBIFER <i>Reich.</i>	Aberdeenshire.	Mr Hardy.
φ <i>glabericollis Gyll. Aubé.</i>		
B. CURTISII <i>Leach.</i>	Raehills.	Rev. W. Little.
B. SECURIGER <i>Reich. Steph.</i>	Rachills.	Rev. W. Little.
<i>macropalpus Aubé.</i>		
<i>globulipalpus Aubé.</i>		

- B. BURRELLII *Denny.* In moss from Craiglockhart.
luniger Aubé. Paisley. Mr Young. Dr Greville.
- EUPLECTUS *Leach,*
Kirby, Steph.
- E. SIGNATUS *Reich.* Cramond ; near Penmanshiel, Berwickshire.
Kirbyi Denny.
unicolor Kirby.
nanus Aubé.
- E. REICHENBACHII *Leach, Steph.* Berwickshire ; Dumfriesshire.
Staphylinoides Kirby.

FAMILY STAPHYLINIDÆ.

MYRMEDONIA *Erichson.*

- ALEOCHARA *Grav. Lat.*
ASTILBUS *Dill. Steph.*
DRUSILLA *Leach, Mannerheim.*
ZYRAS *Steph.*
PELLA *Steph.*

M. CANALICULATA *Fab. Erich.* Heaths, and on the sea-coast ; occasionally in ants' nests.
Steph.

M. LIMBATA *Payk. Erich. Steph.* Sea - coast near Cockburnspath, in nests of Formica flava. Mr Hardy.
levis Grav.
foveicollis Dej.

M. COLLARIS *Payk. Erich. Steph.* Lurgie loch, near Hume, Berwickshire. (*Bolitochara.*) Mr Hislop.

AUTALIA *Leach, Steph.* *Erich.*

A. IMPRESSA *Oliv. Steph. Erich.* In fungi. Queensferry ; Dalmeny ;
plicata Kirby, Steph. Berwickshire ; Kinross-shire.
ruficornis Kirby, Steph.

A. RIVULARIS *Grav. Steph.* Penmanshiel ; Glasgow ; Girrict, &c.
Erich.
atterima Steph.
angusticollis Steph.

FALAGRIA *Leach, Erich.*

F. SULCATULA *Gravenh. Steph.* Near Edinburgh ; Glasgow.
Illust.
Sulcata var. b. Gyll. Steph.
Man.
polita Curtis.

F. OBSCURA *Gravenh.* Near Paisley. Mr Young.
H

BOLITOCHARA <i>Mannerh.</i>	<i>Erich. Steph.</i>	
B. LUNULATA <i>Payk. Steph.</i>	<i>Erich.</i>	Under bark. Howpark dean, and near Mellerstain, Berwickshire; Glasgow.
B. OBLIQUA <i>Erich. Steph.</i>		Under bark. Near Edinburgh; Berwickshire and East Lothian; Glasgow.
OCALEA <i>Erich. Steph.</i>		
O. PICATA <i>Kirby, Steph.</i>	<i>castanea Erich.</i>	Berwickshire; Edinburgh; Aberdeenshire.
CALODERA <i>Mannerh.</i>	<i>Erich. Steph.</i>	
C. NIGRICOLLIS <i>Payk. Erich.</i>	<i>Steph.</i>	Rare. South Queensferry; Simprim, Berwickshire, &c.
C. LONGITARSIS <i>Kirby, Erich.</i>	<i>Steph. (Ischnopoda.)</i>	Not uncommon.
TACHYUSA <i>Erich.</i>		
T. UMBRATICA <i>Erich.</i>	<i>foveola Leach, Steph.</i>	Berwickshire and Aberdeenshire.
	<i>(Bolitochara.)</i>	Mr Hardy.
T. FRONTALIS <i>Kirby, Steph.</i>	<i>(Ischnopoda.)</i>	Banks of streams, Berwickshire;
	<i>immunita Erich.?</i>	Aberdeenshire. Mr Hardy.
T. FLAVITARSIS <i>Sahlberg,</i>	<i>Hardy.</i>	Rare. Presmennan lake, East Lothian. Mr Hardy.
T. CARBONARIA <i>Mannh.</i>	<i>Hardy.</i>	Rare. Border of a pond near Swinton Hill, Berwickshire. Mr Hardy.
PHLŒOPORA <i>Erich.</i>		
PH. CORTICALIS <i>Gravenh.</i>	<i>tenuis Gravenh.</i>	Glasgow; Raehills.
HOMALOTA <i>Erich.</i>		
CALLICERUS <i>Grav.</i>		
BOLITOCHARA <i>Steph.</i>		
H. GRAMINICOLA <i>Grav. Erich.</i>	<i>Steph.</i>	Berwickshire; Aberdeenshire; Kinross-shire.
	<i>linearis Gyll.</i>	
	<i>longuiscula Gyll.</i>	
	<i>longicornis var. b. Gyll.</i>	
	<i>mœsta Zetterstedt.</i>	
	<i>fracticornis Lacord.</i>	
	<i>rufitarsis Kirby, Steph.</i>	

- H. VICINA Kirby, Steph. Not common. Penmanshiel; Kinross-shire.
umbonata Erich.
- H. ELONGATULA Grav. Erich. Swampy places. Penmanshiel; Girrick.
Steph.
terminalis Grav.
teres Grav.
complana Mannerh.
oblonga Lacord.
exilis Mannerh.
planiuscula Mannerh.
depressiuscula Mannerh.
elongata Kirby, Steph.
- H. ANGUSTULA Gyll. Erich. Rare. Banks of the Eye, Berwickshire.
Steph. Mr Hardy.
pilosella Steph.
linearis var. Grav.
- H. CIRCELLARIS Grav. Erich. Beneath stones on moors, &c. Common.
Steph.
cingulata Kirby, Steph.
ochropus Kirby, Steph.
contigua Kirby, Steph.
- H. RUFESCENS Kirby, Steph. Not common; under bark, and in
Illust. Polypori, Berwickshire; Aberdeen-
circularis var. Steph. Man. shire; Kinross-shire.
var. nigricans Kirby, (Steph.
Cat.)
- H. BRUNNEA Fab. Erich. Steph. In fungi. Howpark dean, and Meller-
depressa Gyll. stain, Berwickshire; Dalmeny.
nigriceps Marsh.
cinnamomea Steph. Illust.
zonalis Kirby, Steph.
atriceps Kirby, Steph.
thoracica Steph.
- H. SERICANS Grav. Gyll. Heer. Under sea-weed, and between fissures
Erich. of rocks near high-water mark,
socialis var. Erich. Berwickshire; shores of Forth.
- H. SOCIALIS Payk. Erich. Steph. In fungi, &c. Common.
Boleti Grav.
sordidus Marsh.
castanoptera Mannh.
longicornis Gyll.
nigritula Grav.
euryptera Steph.
pallidipennis Kirby.
xanthoptera Kirby, Steph.
femorata Marsh. Steph.

- H. AUTUMNALIS *Erich. Hardy.* Moist places. Edinburgh; East Lothian; Peterhead; Berwickshire; Kinross-shire.
- H. PUSILLA *Grav. Steph.* Raehills. Rev. W. Little.
- H. ANALIS *Grav. Erich. Steph.* Under stones on heaths, &c. Common.
bifoveolata *Mannh.*
inquinula *Kirby, Steph.*
foveolata *Kirby, Steph.*
venustula *Wilkin.*
nigro-fusca *Kirby, Steph.*
- H. CAUTA *Erich. Hardy.* Not uncommon.
- H. CELATA *Erich. Hardy.* With the preceding.
- H. LONGICORNIS *Grav. Erich. Steph.* Not common. Berwickshire; Aberdeenshire; Kinross-shire.
validicornis *Mannh.*
consimilis *Kirby, Steph.*
fumosa *Wilkin.*
- H. LIVIDIPENNIS *Mannh. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire; Glasgow.
livida *Erich. (Oxypoda.)*
- H. FUNGI *Grav.* Edinburgh district. Dr Greville.
xanthopa *Kirby, Steph.*
tricolor *Kirby, Steph.*
- H. HYGROPHILA *Hardy.* Borders of streams. Berwickshire; Kinross-shire; Aberdeenshire; Edinburgh district.
- H. FOVEATOCOLLIS *Kirby, Steph.* Taken in Scotland by Messrs Turner and Hooker.
Steph. Illust.
- OXYPODA *Erich. Steph.*
- O. RUFICORNIS *Grav. ? Steph.* Raehills. Rev. W. Little.
- O. UMBRATA *Gyll. Erich. Steph.* Dalmeny; Berwickshire; Kinross-shire; Glasgow.
- O. LONGIUSCULA *Grav. Erich. Steph.* Peasedean, Berwickshire; Glasgow.
procerulea *Mannh.*
- O. ALTERNANS *Grav. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire, &c.
concinna *Leach, Steph.*
- O. TESTACEA *Erich. Hardy.* Beneath bark of fir, Penmanshiel wood, Berwickshire. Mr Hardy.
- O. BREVICORNIS *Kirby, Steph.* Penmanshiel; near Edinburgh.
cuniculina *Erich.*

ALEOCHARA *Grav. Erich.*
Steph.

CERANOTA *Steph.*

POLYSTOMA *Steph.*

A. FUSCIPES *Fab. Erich. Steph.* Edinburgh ; Berwickshire.
lata Grav.
recurva Kirby.

A. BREVIPENNIS *Grav. Erich.* Near Edinburgh. A. Murray.
Steph.
carnivora Gyll.

A. NITIDA *Grav. Erich. Steph.* Generally distributed.
bilineata Gyll.
immaculata Kirby.
biguttula Kirby.
agilis Kirby.
Cursor Kirby. Steph. Holme.

A. LANUGINOSA *Grav. Erich.* Common.
Steph.

A. MÆSTA *Grav. Erich. Steph.* Common.
fumata Gyll.
haemorrhoidalis Marsh.
concolor Kirby, Steph.

A. RUFICORNIS *Grav. Erich.* Rare. Corstorphine ; South Queensferry ; Penmanshiel wood.
Daltoni Kirby, Steph.

A. MORION *Grav. Erich. Steph.* Not very common. Berwickshire.
exigua Mannh. Steph. Mr Hardy.
minutula Kirby.
pusilla Kirby.

A. OBSCURELLA *Grav. Erich.* Beneath sea-weed ; frequent.
Steph.
sericea Leach, Steph.
dubia Steph.?
micans Kirby, Steph.
Kirbyi Steph.

PHYTOSUS *Rudd.*
Steph. Erich.

PH. SPINIFER *Rudd, Steph.* Among sand, beneath sea-weed ;
Erich. sea-coast near Cockburnspath.
Mr Hardy.

DIGLOSSA *Haliday, Steph.*

- | | | |
|--|--|--------------------|
| D. MERSA <i>Hal. Steph.</i> | Taken along with <i>Micralymma brevipenne</i> , between layers of shale under high-water mark, at South Queensferry. | A. Murray. |
| OLIGOTA <i>Mannh. Erich. Steph.</i> | | |
| O. PUSILLIMA <i>Grav. Erich. Steph.</i> | Rare. Penmanshiel. | Mr Hardy. |
| GYROPHÆNA <i>Mannh. Erich. Steph.</i> | | |
| ENCEPHALUS <i>Steph.</i> | | |
| G. COMPLICANS <i>Kirby, Steph.</i> | Dalmeny; Penmanshiel wood. | |
| | Erich. | |
| G. NANA <i>Payk. Erich. Steph.</i> | Stirlingshire. | Mr R. N. Greville. |
| | <i>nitidula Lacord.</i> | |
| | <i>fasciata Marsh.</i> | |
| G. BOLETI <i>Lin. Erich. Steph. (Bolitochara.)</i> | In agarics. Edinburgh; Howpark dean, Berwickshire. | |
| PLACUSA <i>Erich.</i> | | |
| P. HUMILIS <i>Erich.</i> | Near Edinburgh. | A. Murray. |
| MYLLÆNA <i>Erich. Steph.</i> | | |
| CENTROGLOSSA <i>Matthews, Steph.</i> | | |
| M. DUBIA <i>Mannh. Erich. Steph.</i> | Borders of gravelly streams. Berwickshire; East Lothian; and Edinburgh district. | |
| | <i>Conuroides Matthews, Steph.</i> | |
| M. MINUTA <i>Grav. Erich. Steph.</i> | In Sphagnum, Coldingham moor, Berwickshire. | Mr Hardy. |
| M. GRACILIS <i>Heer, Hardy.</i> | Penmanshiel wood, Berwickshire, and in Aberdeenshire. | Mr Hardy. |
| GYMNUSA <i>Karsten, Erich. Steph.</i> | | |

- G. BREVICOLLIS** *Payk. Erich.* One specimen—border of a streamlet, Penmanshiel wood. Mr Hardy.
Steph.
carnivora Grav.
excusa Grav.
- HYPOCYPTUS** *Schüp.*
Erich.
- CYPHA** *Kirby, Steph.*
- H. LONGICORNIS** *Payk. Erich.* In fungi, &c. Common.
Steph.
acuminatum (Scaphidium)
Marsh.
granulum Grav.
rufipes Steph.
globulus Lacord.
- H. LÆVIUSCULUS** *Mannh. Erich.* Raehills; Penmanshiel; Nenthorn.
Steph.
longicornis var. b. Gyll.
- H. PARVULUS** *Steph.* Raehills. Rev. W. Little.
- CONURUS** *Erich. Steph.*
- C. LITTOREUS** *Lin. Erich. Steph.* Edinburgh; Polmont.
cellaris Fab.
pubescens Ph.
tomentosus Rossi.
bimaculatus Fab. (Oxyporus.)
angularis Steph.
- C. PUBESCENS** *Grav. Erich.* Near Nenthorn; Dumbarton.
Steph. Mr Hislop.
sericeus Lacord.
var. testaceus Fab. (Oxyporus.)
var. Marshami Steph.
- C. PYRRHOPTERUS** *Steph.* On the sea-coast. Common.
lividus Erich.
obscurepennis Kirby, Steph.?
- TACHYPORUS** *Knoch.*
Erich. Steph.
- T. OBTUSUS** *Lin. Erich. Steph.* Common.
analis Fab.
vernalis Müller.
dispar var. γ Ph.
chrysomelinus var. 2, Walk.
melanurus Marsh.
var. ? nitidicollis Steph.

T. HYPNORUM *Fab.* *Erich.* *Steph.* Common.

nitidulus *Fab.* *Marsh.*

minutus *Fab.* (*Oxyporus.*)

marginatus *Panz.*

subtestaceus *Steph.* (*immature.*)

flavipes (*Steph.*) *Mus.* *Linn.*

(*Westwood.*)

T. CHRYSOMELINUS *Lin.* *Erich.* Common.

Steph.

melanocephalus *Fab.*

merdarius *Panz.*

marginellus *Marsh.*

T. RUFICOLLIS *Grav.* *Erich.* Edinburgh; Raehills; Berwickshire;

Steph. Aberdeenshire; Kiross-shire;

chrysomelinus var. 1, $\alpha \beta$ Glasgow.

Rossi.

flavicollis *Kirby.*

T. PUSILLUS *Grav.* *Erich.* Steph. Not unfrequent.

atriceps *Steph.*

nigripennis *Steph.*

angustatus *Kirby?*

lateralis *Kirby,* *Steph.*

T. BRUNNEUS *Fab.* *Erich.* Somewhat scarce.

nitidulus *Oliv.* *Steph.*

abdominalis *Grav.*

scutellaris *Lacord.*

nitidus *Steph.*

testaceus *Steph.*

flavicornis *Kirby,* *Steph.*

TACHINUS *Grav.* *Erich.*

Steph.

T. SILPHOIDES *Lin.* *Erich.* *Steph.* Common.

suturalis *Panz.*

limbatus *Grav.*

marginalis *Grav.*

dispar var. ζ and ϵ *Payk.*

T. RUFIPES *De Geer,* *Erich.* Common.

Steph.

pullus *Grav.*

signatus *Grav.*

laticollis *Gyll.*

pallens *Gyll.* (*Immature.*)

apicalis *Steph.*

fulvipes *Steph.*

- T. HUMERALIS *Grav.* *Erich.* In fungi. Berwickshire; Edinburgh; Steph.
cinctus *Marsh.*
scapularis *Steph.*
- T. SUBTERRANEUS *Lin.* *Erich.* Edinburgh district; Raehills; Penmanshiel in spring.
Steph.
var. *marginatus* *Fab.*
bicolor *Grav.*
biplagiatus *Lacord.*
latus *Marsh.*
- T. BIPUSTULATUS *Fab.* *Erich.* Raehills; near Edinburgh; Kinross-shire.
Steph.
subterraneus *Payk.*
- T. MARGINELLUS *Fab.* *Erich.* Common.
Steph.
laticollus *Grav.*
laevigatus *Marsh.*
intermedius *Mann.*
rufipes var. β *Payk.*
immaturus *Grav.*
marginatus *Don.*
- T. COLLARIS *Grav.* *Erich.* *Steph.* Scarce. Edinburgh district; Cra-corticinus *Grav.*mond; Penmanshiel.
flavellus *Zetterstedt.*
- T. ELONGATUS *Gyll.* *Erich.* *Steph.* Not common. Edinburgh district; aterrimus *Steph.* Raehills; Jedburgh; Penmanshiel; Glasgow, &c.
- BOLETOBIUS *Leach.* *Erich.*
Steph. p.
- MEGACRONUS *Steph.*
- BRYOCHARIS *Lacord.*
- B. ANALIS *Payk.* *Erich.* *Steph.* Berwickshire; East Lothian; Kinmerdarius *Gyll.* (*Tachinus.*) ross-shire; Glasgow.
- B. CINGULATUS *Mannerh.* *Erich.* Glasgow; Torphichen. Mr Hislop.
Steph.
analis var. 1 and 3, *Grav.*
analis *Gyll.*
bicolor *Rossi.*? (*Oxyporus.*)
rufipennis *Steph.*
- B. ATRICAPILLUS *Fab.* *Erich.* In agarics—not unfrequent. Edinburgh; *Steph.* Berwicksh.; East Lothian.
lunulatus *Fab.* *Lin.*

- B. TRIMACULATUS *Payk.* *Erich.* Edinburgh; Glasgow; Stirlingshire.
Steph.
littoreus Pk.
var. trinotatus Erich.
bimaculatus Schrank.?
- B. ANGULARIS *Steph.* Edinburgh; Berwickshire; Aberdeen-shire.
apicalis Steph.
exoletus Erich.
- B. PYGMÆUS *Fab.* *Erich.* *Steph.* In fungi. Common.
thoracicus Fab.
melanocephalus Marsh.?
trimaculatus var. $\beta \gamma$ Pk.
merdarius Runde.
pallidus Rossi.
elegans Matthews, (Erich.)
- MYCETOPORUS *Mannerh.*
Erich. *Steph.*
- ISCHNOSOMA *Steph.* *Oliv.*
- M. SPLENDENS *Marsh.* *Steph.* Edinburgh; Berwickshire.
- M. LEPIDUS *Knoch.* *Erich.* *Steph.* Dalmeny; Stirlingshi.; Berwicksh.; punctato-striatus var. α, γ *Pk.* Mull.
merdarius Schrank.
bimaculatus Lacord.
tristis Grav.
- M. SPLENDIDUS *Grav.* *Erich.* Scarce. Blackburn Rigg wood, Berwickshire; and in Aberdeenshire.
- OTHIUS *Leach.* *Erich.* *Steph.*
- CAFIUS *Lacord.*
- GYROHYPNUS *Mann.*
- SAURIODES *Dej.* *Cat.*
- O. FULVIPENNIS *Fab.* *Erich.* Common.
Steph.
fulgidus Pk. *Steph.*
fulminans Grav.
ustulatus Grav. (not *Steph.*)
- O. MELANOCEPHALUS *Grav.* Not unfrequent.
Erich. *Steph.* *Man.*
angustus Kirby, *Steph.* *Illust.*
var. ater Steph.
ustulatus Steph. (not *Grav.*)

O. LÆVIUSCULUS Kirby, Steph. Raehills; sea-coast near Dunbar.
punctipennis Lacord. Erich. Knuross-shire.
obscurus Leach? Steph.

O. PILICORNIS Payk. Erich. Steph. Beneath bark of decaying firs.
var. alternans Grav. Steph. Edinburgh; Raehills; Berwickshire;
nigriceps Mannerh. East Lothian; Glasgow.
affinis Payk.
glabricornis Kirby,
Steph.

O. SCOTICUS Kirby, Steph. "Found in Scotland by Mr MacLeay."
Kirby in Steph. Illust.

XANTHOLINUS Dahl.
Erich. Steph.

GYROHYPNUS Kirby, Steph.
EULISSUS Mannerheim.

X. GLABRATUS Grav. Erich. Not unfrequent.
Steph.

fulgidus Grav.
nitidus Panz.
cruentatus Marsh. Steph.
relucens Grav. Nordm.
merdarius Nordm.
cadaverinus Lacord.

X. PUNCTULATUS Payk. Erich. Common.
Steph.

elongatus Fourc.
fracticornis Müll.
var. ochraceus Gyll. Steph.
Heer.
angustatus Kirby, Steph.
quadratus Kirby, Steph.

X. LINEARIS Oliv. Erich. Steph. Common.
longiceps Grav. Steph.
punctulatus Schrank.
var. ochraceus Grav.

LEPTACINUS Erich. Steph.
Man.

GYROHYPNUS Steph. Illust.

L. PARUMPUNCTATUS Gyll. Erich. Berwickshire; Aberdeenshire; south
Steph. (Xantholinus.) of Scotland.
semistriatus Kirby, Steph.

L. BATYCHRUS *Knoch. Erich.* Aberdeenshire; south of Scotland.

Steph.

quadrisulcus Kirby,

Steph.

var. diaphanus Marsh.

Steph.

longicollis Kirby, Steph.

episcopalis Lacord.

apicalis Kirby?

L. LINEARIS *Grav. Heer.*

batyhrus var. Erich.

sulcifrons Kirby, Steph.

pusillus Steph.

Berwickshire; and elsewhere in the

south of Scotland.

STAPHYLINUS *Lin.*

Erich.

(CREOPHILUS *Kirby,*
Steph.)

ST. MAXILLOSUS *Lin. Erich.*

Steph.

balteatus De Geer.

Common throughout Scotland in
carcasses.

ST. CILIARIS *Leach, Steph.*

Erich.

Berwickshire. Mr Hislop and Mr Hardy.
Island of Mull, where it seems to
take the place of St. Maxillosus.
Mr J. T. Syme.

(TRICHODERMA *Steph.*)

ST. NEBULOSUS *Fab. Erich. Steph.* Scarce. Aberdeenshire; Mussel-
murinus *Mus. Linn. (West-* burgh; Berwickshire.
wood.)

ST. MURINUS *Fab. Erich. Steph.* Common. Edinburgh; Musselburgh;
Sutherlandshire; Berwickshire.

ST. PUBESCENS *De Geer, Erich.* Scarce. Edinburgh; Berwickshire.
Steph. Commoner near Glasgow.

(STAPHYLINUS *Steph.*)

ST. ERYTHROPTERUS *Lin. Erich.* Not uncommon. Edinburgh; Aber-
castanopterus *Grav. Steph.* deenshire; Sutherlandshire; Lan-
arkshire.

ST. CESARIUS *Cederheim. Erich.* Edinburgh district; Highlands of
erythropterus *Fab. Steph.* Perthshire. Common in Mull.

ST. STERCORARIUS *Oliv. Erich.* Rare. Edinburgh; Berwickshire;
Steph. Sutherlandshire; Arran; Inverkeithing.

ST. LATEBRICOLA *Grav. Erich.* Sutherlandshire. Berwickshire.
aericeps Kirby, Steph. Mr James Wilson. Mr Hardy.

ST. FULVIPES *Scop.* Near Paisley. Mr M. Young.
bicinctus Rossi.
erythropus Payk.
tricolor Grav.
azureus Ledebour.

OCYPUS *Kirby, Erich.*

STAPHYLINUS *Steph.*

(*GOERIUS Leach, Steph.*)

O. OLENS *Müll. Erich. Steph.* Common near the sea-coast.

O. BRUNNIPES *Fab. Erich.* Raehills; Berwickshire; Glasgow.
Steph.

O. FUSCATUS *Grav. Erich.* Rare. Edinburgh; Berwickshire;
crassicollis Grav. Tolcross; Kinross-shire.
subpunctatus Gyll.
Morio Gyll. Steph.
politus De Geer,
Cantianus Kirby, Steph.
confinis Kirby, Steph.
 (test. Rudd.)
semipolitus Holme.

O. CUPREUS *Rossi. Erich.* Common.
æneocephalus De Geer,
Steph.
æneicollis Gyll. Steph.
sericeus Marsh.
sericeocollis Ménétries.
strigatus Nordm.
puberulus Runde.
chalcocephalus Holme.?
picipennis Hardy.

(*TASGIUS Leach.*)

O. ATER *Grav. Erich.* Rare. Berwickshire, one specimen.
fuscatus Gyll. Steph. Mr Hardy.
obscurus Marsh.
nigripes Lacord. (Emus.)
confinis Curt.
Uralensis Mann.?
Kirbyi, Steph. (immature.)

(ANODUS *Nordmann.*)OCYPIUS *Steph.*

O. MORIO *Grav. Erich.* Common.

(not *Steph.*)

edentulus *Block.*

similis *Payk. Steph.* (not *Fab.*)

angustatus *Kirby, Steph.*
Lacord.

fuscatus *Lacord. (Emus.)*

obscurus *Runde.*

picipes *Steph.*

PHILONTHUS *Erich.*

Ph. SPLENDENS *Fab. Erich.* Generally distributed.

Steph.

æneus *Müll.*

sextus *Schäff.*

niger *Müll. ?*

Ph. INTERMEDIUS *Lacord.* Very rare—one specimen near Edinburgh. Dr Greville.

Erich.

chalceus *Steph.*

laminatus *Nordm.*

var. aeratus *Kirby, Steph.*

Ph. LAMINATUS *Creutz. Erich.* Common.

Steph.

viridanus *Nordm.*

æneus *Marsh. Steph.*

coxatus *Curt. (immature.)*

Ph. CARBONARIUS *Gyll. Erich.* Rare. Berwickshire. Mr Hardy.

Steph.

microcephalus *Steph.*

nigritus *Runde.*

Ph. ÆNEUS *Rossi. Erich. Steph.* Common.

rotundicollis *Kirby, Steph.*

politus *Steph. Kirby, (Fn. Bor. Americ.)*

mandibularis *Kirby, (Fn. Bor. Americ.)*

laticeps *Zetterstedt.*

metallicus *Lacord.*

similis *Marsh.*

politus *Mus. Lin. (Westwood.)*

var. atratus *Lacord.*

- PH. SCUTATUS** *Erich.* Edinburgh ; East Lothian ; Berwickshire ; Kinross-shire.
cognatus Steph. *Illust.*
lucens Steph. *Man.*
rotundicollis Ménétries.
- PH. DECORUS** *Grav.* *Erich.* *Steph.* Not uncommon.
- PH. MARGINATUS** *Fab.* *Erich.* Common.
Steph.
- PH. UMBRATILIS** *Grav.* *Erich.* Berwickshire ; East Lothian ; Kinross-shire.
Hardy.
subfuscus Gyll. *Steph.*
- PH. VARIUS** *Gyll.* *Erich.* *Steph.* Common.
varians Grav.
carbonarius Grav. *Steph.*
chalopterus Marsh. *Steph.*
pilipes Kirby, *Steph.*
- PH. ALBIPES** *Erich.* *Hardy.* Rare. Penmanshiel ; Prestonpans ;
nitens Steph. ? south of Scotland.
caliginosus Steph. (*Quedius.*)
- PH. XANTHOLOMA** *Grav.* *Erich.* Beneath sea-weed—abundant.
Steph.
lateralis Kirby, *Steph.*
(Cafius.)
littoralis Steph. (*Cafius.*)
tessellatus Steph. (*Cafius.*)
- PH. FUCICOŁA** *Leach,* *Erich.* Sea-shore, Dalmeny. Rev. W. Little.
Curt. *Steph.*
- PH. CEPHALOTES** *Grav.* *Erich.* Rare. Edinburgh ; Aberdeenshire ;
Steph. (*Bisnius.*) Berwickshire.
rotundiceps Kirby, *Steph.*
(Bisnius.)
- PH. FIMETARIUS** *Grav.* *Erich.* Common.
Steph.
rigidicornis Grav.
lucidus Steph.
- PH. SORDIDUS** *Grav.* *Erich.* Not common. Berwickshire ; East
Steph. Lothian ; Edinburgh.
pachycephalus Nordm.
- PH. FUMIGATUS** *Erich.* Raehills. Rev. W. Little.
atratus var. intermedius
Grav.
obscurus Steph. ?

Ph. SANGUINOLENTUS	<i>Grav.</i>	Rare.	Penmanshiel.	Mr Hardy.
	<i>Erich. Steph.</i>			
	<i>contaminatus Grav.</i>			
Ph. BIPUSTULATUS	<i>Panz. Erich.</i>	Edinburgh.		Rev. W. Little.
	<i>Steph.</i>			
Pil. VARIANS	<i>Payk. Erich.</i>	Common.		
	<i>opacus Grav.</i>			
	<i>bipustulatus var. 1, 2, 4-7.</i>			
	<i>Grav.</i>			
	<i>bimaculatus Marsh.</i>			
	<i>lituratus Kirby, Steph.</i>			
	<i>aciculatus Steph.</i>			
	<i>bipustulatus var. b. Grav.</i>			
var. a.				
	<i>varians Fab.</i>			
	<i>opacus Grav.</i>			
	<i>atterimus Marsh. Steph.</i>			
var. b.				
	<i>punctiventris Kirby,</i>			
	<i>Steph.</i>			
	<i>opacus Steph.</i>			
var. c.				
	<i>obscuripennis Kirby,</i>			
	<i>Steph.</i>			
	<i>longicornis Kirby, Steph.</i>			
	<i>scybalarius Nordm.</i>			
	<i>fuscidornis Nordm.</i>			
var. d.				
	<i>intaminatus Kirby, Steph.</i>			
var. e.				
	<i>agilis Grav. Steph.</i>			
	<i>parvicornis Grav.</i>			
	<i>discoideus Lacord.</i>			
	<i>suaveolens Kirby, Steph.?</i>			
	<i>(Gabrius.)</i>			
Pn. DEBILIS	<i>Grav. Erich.</i>	Rare.	Penmanshiel.	Mr Hardy.
	<i>lucidus Grav.</i>			
	<i>fimetarius var. Grav.</i>			
	<i>fuscidornis Kirby, Steph.</i>			
	<i>(Bisnius.)</i>			
	<i>agilis Lacord.</i>			
Pn. VENTRALIS	<i>Grav. Erich.</i>	Berwickshire ; Aberdeenshire ; Kin-		
	<i>Steph.</i>	ross-shire.		
	<i>immundus Grav.</i>			
	<i>anthrax Grav.</i>			

PH. DISCOIDEUS *Grav. Erich.* Edinburgh; Berwickshire; Kinross-shire; Aberdeenshire; South of Scotland.
Steph. (Quedius.) conformis Lacord.
suturalis Steph. (Quedius.)
testaceus Grav.?

PH. FULVIFES *Fab. Erich.* Berwickshire, and south of Scotland.
mendax Runde.
flavopterus var. a. Fourc.?
rubripennis Kirby, Steph.
corruscus Steph.

Ent. Edin.

PH. ATERRIMUS *Grav. Erich.* Not scarce.
Steph. (Gabrius.)
nigritulus Grav.
pumilus Mannerh.
pallipes Kirby, Steph.
trossulus Nordm.

PH. PARUMPUNCTATUS *Erich.* Not frequent. Berwickshire; Edinburgh; Hamilton; Kinross-shire.
punctus Gyll.
minax Kirby, Steph.
Watsoni Kirby, Steph.
impressicollis Steph.
puncticollis Howitt, Steph.
(Bisnius.)

PH. PROCERULEUS *Grav. Erich.* Rare. Near Cockburnspath, Berwickshire. Mr Hardy.
Steph. (Xantholinus.)
planatus Grav.

PH. ELONGATULUS *Erich.* Rare. South of Scotland; Kinross-shire. A. Murray.
semipunctatus Kirby, Steph.?
(Gabrius.)

QUEDIUS *Leach, Steph. Erich.*

MICROSAURUS *Dej. Steph.*

RAPHIRUS *Leach, Steph.*

PHILONTHUS *Heer.*

Q. LATERALIS *Grav. Erich.* Edinburgh district; Berwickshire; Glasgow; Kinross-shire.
Steph.

- Q. *FULGIDUS* *Fab.* *Erich.* Not common. Edinburgh; Glasgow; Kinross-shire, &c.
 var. a. *Elytris rufis.*
fulgidus *Fab.* *Heer.*
fuscipennis *Block.*
rufitarsis *Marsh.* *Steph.*
distinctus *Runde.*
hæmopterus *Kirby,*
Steph.
hæmorrhous *Kirby,*
Steph.
humeralis *Kirby,* *Steph.*
iracundus *Say.*
floralis *Lacord.*
assimilis *Nordm.*
- var. b. *Elytris concoloribus.*
nitidus *Grav.* *Steph.*
variabilis *Gyll.* *Steph.*
mesomelinus *Marsh.*
Grönlandicus *Zetter-*
stedt.
occultus *Lacord.*
- Q. *IMPRESSUS* *Payk.* *Erich.* Not uncommon.
Steph.
cinctus *Payk.*
marginellus *Marsh.*
nitidus var. 6, *Grav.*
- Q. *MOLOCHINUS* *Grav.* *Erich.* Generally distributed.
laticollis *Lacord.*
picipennis *Payk.* *Steph.*
Lapponicus *Zetterstedt.*
lævicollis *Runde.*
denudatus *Kirby,* *Steph.*
- Q. *FRONTALIS* *Nordmann,* *Erich.* Common everywhere.
tristis *Steph.*
- Q. *LAEVIGATUS* *Gyll.* ? Inverary. Mr Hislop.
- Q. *FULGINOSUS* *Grav.* *Erich.* Common.
tristis *Grav.*
dilatatus *Marsh.*
picicornis *Kirby,* *Steph.*
gracilis *Kirby,* *Steph.*
- Q. *PICIPES* *Mannerh.* *Erich.* Edinburgh district; Berwickshire;
Steph. Glasgow.
pyrrhopus *Kirby,* *Steph.*
variicolor *Nordm.*

- Q. RUFICOLLIS** *Steph.* Edinburgh; Berwickshire; Aberdeenshire; Glasgow.
- Q. PELTATUS** *Erich.* Near Edinburgh. East Lothian; Kinross-shire, &c.
præcox *Erich.* (*Käf.*
Brand.)
- attenuatus** *Steph.*
- Q. SEMIOBSCURUS** *Marsh.* Edinburgh; Berwickshire; East Lothian; Glasgow.
Steph.
mauro-rufus *Gyll.*
umbrinus *Erich.*
- Q. MAURORUFUS** *Grav.* *Erich.* Rather rare. Berwickshire. Mr. Hardy.
Steph.
attenuatus *Grav.*
præcox *Gyll.* *Steph.*
- Q. PICIPESS** *Steph.* Rare. Edinburgh district; Penmanshiel.
semiobscurus *Erich.* (not
Marsh.)
- Q. ATTENUATUS** *Gyll.* *Erich.* Generally distributed.
nitipennis *Leach.* *Steph.*
scintillans *Lacord.*
var. rufipennis *Kirby.* *Steph.*
- Q. BOOPS** *Grav.* *Erich.* *Steph.* Not uncommon.
- Q. FUSCIPES** *Kirby.* *Steph.* Rare. Near Edinburgh. Mr R. F. Logan.
- Q. AURICOMUS** *Kiesenwetter.* Rare. Berwickshire; near Hamilton.
 (Stett. Ent. Zeit. 1850.)
scintillans *Hardy.* (Ber.
 Club Trans.)
- Q. SCINTILLANS** *Grav.* *Erich.* ?? Berwick. Mr Hislop.
- CRYPTOBIUM** *Mannerh.* *Erich.* *Steph.*
- C. FRACTICORNE** *Mannerh.* *Erich.* *Steph.* Rare. Lurgie loch, near Hume Castle; Torwood, Stirlingshire. Mr Hislop.
- LATHROBIUM** *Grav.* *Erich.* *Steph.*
- L. BRUNNIPES** *Grav.* *Erich.* Common.
Steph.
dentatus *Marsh.*

L. ELONGATUM *Lin. Erich.* Common.

Steph.

atriceps Kirby, Steph.

(*immature.*)

L. FULVIPENNE *Grav. Erich.* Common.

Steph.

elongatum Lacord.

L. MULTIPUNCTUM *Grav. Erich.* Rare. Berwickshire; Mull.

Steph.

lineare Grav.

testaceus Oliv. (Pæderus.)

punctatostriatum Kirby,

Steph.

L. QUADRATUM *Payk. Erich.* Cramond; Raehills; Berwickshire;

Steph.

filiformis Payk. (Pæderus.)

pilosum Grav.

var. terminatum Grav. Curt.

L. FILIFORME *Grav. Erich.* Dalkeith; Duddingston; Cramond.

Steph.

lineare Gyll. Steph.

Ent. Edin.

L. LONGULUM *Grav. Erich.* Very rare. Sea-coast of Berwick-

Steph.

minutum Sahlb.

shire; Mull.

LITHOCHARIS *Dej. Erich.*

MEDON *Steph.*

SUNIUS *Steph.*

PÆDERUS *Grav.*

L. MELANOCEPHALA *Fab. Erich.* Near Dumfries and Raehills.

Steph.

tricolor Marsh.

bicolor Oliv.

ruficorne Latr. (Lathrobium.)

Rev. W. Little.

L. OCHRACEA *Grav. Erich.*

Steph.

rubricollis Grav. Steph.

testacea Lacord. ?

Berwickshire; Mid-Lothian; Aberdeenshire.

STILICUS *Latr.* Erich.RUGILUS *Leach.*

- S. AFFINIS *Erich.* Hardy. Berwickshire ; Dalmeny Park.
 S. PUNCTIPENNIS *Kirby,* Steph. Moffat. Rev. W. Little.
 S. ORBICULATUS *Payk.* Steph. Edinburgh ; Cramond ; Berwicksh.
 Erich.

SUNIUS *Leach,* Erich.
 (not Steph.)ASTENUS *Dej.* Steph.

- S. ANGUSTATUS *Fab.* Erich. Rare. Edinburgh district ; Dum-
 Steph. friesshire ; Berwickshire ; East
 gracilis *Payk.* Lothian ; Kinross-shire.

- S. BRUNNEUS *Kirby,* Steph. Kinross-shire. A. Murray.

PÆDERUS *Fab.*

- P. LITTORALIS *Grav.* Steph. Rare. Near Edinburgh. Ent. Edin.

DIANÖUS *Leach,* Steph.
 Erich.

- D. CÆRULESCENS *Gyll.* Erich. Not common. Near Edinburgh ;
 Steph. near Glasgow. Berwickshire ; East
 biguttatus *Ljungh.* (*Stenus.*) Lothian ; Dumfriesshire, &c.
 rugulosus *Steph.*

STENUS *Lat.*

- ST. BIGUTTATUS *Lin.* Erich. South of Scotland.
 Steph.

bipustulatus *Ljungh.*

- ST. GUTTULA *Müller,* Erich. Banks of streams. Near Edinburgh ;
 Steph. Berwickshire ; south of Scotland.
 Kirbyi *Leach,* *Gyll.* *Curtis.*
 biguttatus, var. *Grav.*

- ST. BIMACULATUS *Gyll.* Erich. Berwickshire ; south of Scotland.
 Steph.

Juno *Grav.* *Lacord.**biguttatus* *Marsh.* (*Steph.*)

- ST. JUNO *Fab.* Erich. Steph. Wet places—common. Edinburgh ;
 clavicornis *Fab.* Berwickshire, &c.
 bupthalmus *Latr.*
 Boops *Grav.*

ST. BUPHTHALMUS <i>Grav.</i> <i>Erich.</i>	Near Edinburgh. Kinross-shire ; Steph. Berwickshire ; south of Scotland.
Boops <i>Ljungh.</i>	
clavicornis <i>Panz.</i>	
canaliculatus <i>Lacord.</i>	
palposus <i>Zetterst.</i> ?	
ST. PUSILLUS <i>Kirby</i> , <i>Steph.</i>	Common. Edinburgh; Berwickshire; <i>exiguus</i> <i>Erich.</i> Stirlingshire, &c.
ST. NANUS <i>Steph.</i>	Common. Edinburgh; Kinross-shire; <i>pusillus</i> <i>Erich.</i> Berwickshire; Aberdeenshire; south of Scotland.
ST. BOOPS <i>Gyll.</i> <i>Steph.</i> <i>Heer.</i>	Common. Edinburgh; Berwickshire, clavicornis <i>Scop.</i> <i>Steph.</i> &c.
buphtalmus <i>Schrank.</i>	
Cicindeloides <i>Ljungh.</i>	
nigricornis <i>Kirby</i> , <i>Steph.</i>	
speculator <i>Lacord.</i> <i>Erich.</i>	
ST. NIGRITULUS <i>Gyll.</i> <i>Erich.</i>	South of Scotland. Rev. W. Little.
unicolor <i>Kirby</i> , <i>Steph.</i>	
ST. BINOTATUS <i>Ljungh.</i> <i>Gyll.</i>	Borders of ponds. Edinburgh; Swinton, <i>Erich.</i> Berwickshire; south of Scotland.
laevior <i>Kirby</i> , <i>Steph.</i>	
ST. PUBESCENS <i>Kirby</i> , <i>Steph.</i>	Borders of ponds; Edinburgh. near
subimpressus <i>Erich.</i>	Swinton; south of Scotland.
ST. PALLITARSIS <i>Kirby</i> , <i>Steph.</i>	Edinburgh district; Kinross-shire.
binotatus, var. b. <i>Gyll.</i>	
plantaris <i>Erich.</i>	
ST. NITIDUS <i>Kirby</i> , <i>Steph.</i>	Near Swinton, Berwickshire.
phæopus <i>Kirby</i> , <i>Steph.</i> ?	Mr Hardy.
plancus <i>Erich.</i>	
ST. PICIPES <i>Kirby</i> , <i>Steph.</i>	Near Edinburgh. Berwickshire;
rusticus <i>Erich.</i>	Aberdeenshire; Kinross-shire.
obliquus <i>Heer.</i>	
ST. NITIDIUSCULUS <i>Kirby</i> ,	Sides of streams and wet marshes.
Steph.	Berwickshire; Aberdeenshire; near
tempestivus <i>Erich.</i>	Edinburgh; Kinross-shire, &c.
ST. IMPRESSUS <i>Germ.</i> <i>Erich.</i>	Common. Edinburgh; Aberdeen-
proboscideus <i>Germ.</i>	shire; Berwickshire; Kinross-shire,
Aceris <i>Kirby</i> , <i>Steph.</i>	&c.

- ST. PROBOSCIDEUS** *Gyll. Heer.* Marshes. Edinburgh; Berwick-canaliculatus *Kirby, Steph.* shire; south of Scotland. palustris *Erich.*
- ST. PALLIPES** *Grav. Erich.* Moffat; Nenthorn and Mellerstain. immunis *Marsh. Steph.*
- ST. FLAVIPES** *Kirby, Steph.* Penmanshiel and Nenthorn; near filum *Erich.* Edinburgh.
- ST. TARSALIS** *Ljungh. Erich.* Rare. Raehills; Blackburn Rigg Steph. wood, Berwickshire.
buphtalmus *Ljungh.*
clavicornis *Grav.*
riparius *Runde.*
nigriclavis *Kirby, Steph.*
rufitarsis *Kirby, Steph.*
flavitarsis *Wilkin. Steph.*
- ST. OCULATUS** *Gyll. Erich. Steph.* Common.
similis *Herbst.*
clavicornis *Marsh.*
- ST. CICINDELOIDES** *Grav.* Rare. Near Ormiston. Dr J. Howden.
Erich. Steph.
buphtalmus *Rossi.*
clavicornis *Rossi.*
biguttatus, var. *Oliv.*
(*Pæderus.*)
similis, var. β . *Ljungh.*
- ST. FULVICORNIS** *Kirby, Steph.* In moss. Penmanshiel. Mr Hardy.
paganus *Erich.*
- ST. BRUNNIPES** *Kirby,* Common.
latifrons *Erich.*
- BLEDIUS** *Leach.*
- HESPEROPHILUS** *Steph.*
- B. FRACTICORNIS** *Payk. Erich.*
Steph.
Gallicus *Grav.*
pallipes *Lacord.*
- var. *Elytris rufis.* Near Swinton hill, Berwickshire.
tricornis var. *minor* *Grav.* Mr Hardy.
- B. OPACUS** *Block. Erich.* Rare. Sea-coast near Cockburnspath.
castaneipennis *Mannerh.* path. Mr Hardy.
hæmopterus *Kirby, Steph.*

B. SUBTERRANEUS *Merkel*,
Erich. Hardy. Banks of streams. Clyde; Berwickshire; Inveresk; south of Scotland.

PLATYSTETHUS *Man-nerheim.*

P. MORSITANS *Payk.* *Erich.* Common.
Steph.

trilobus Oliv. *Steph.*
pallidipennis Panz. *Heer.*
arenarius Fourc.
striolatus Lacord.
mordax Sahlb.
sulcatus Marsh. *Steph.*
brunnipennis Steph.

OXYTELUS *Grav.*

O. RUGOSUS *Fab.* *Erich.* *Steph.* Common.
carinatus Panz. *Steph.*

piceus Oliv.
striatus Ström.
sulcatus Fourc.
var. *pulcher Grav.* *Steph.*
terrestris Lacord.
laqueatus Marsh.

O. SCULPTUS *Grav.* *Erich.* Edinburgh; Kinross-shire; Berwickshire; south of Scotland.
longicornis Mannerheim.
antennatus Kirby, Steph.

O. SCULPTURATUS *Grav.* *Erich.* Common.
Steph.
flavipes Lacord.

O. NITENS *Marsh.* *Steph.* Edinburgh; Berwickshire; Dunbar; south of Scotland.
luteipennis Erich.

O. FLAVIPES *Steph.* Sea-coast near Cockburnspath.
Mr Hardy.

O. NITIDULUS *Grav.* *Erich.* Edinburgh; Berwickshire; Whittingham; south of Scotland; Aberdeenshire; Kinross-shire.
Steph.
piceus Schrank.
piceus var. pygmaeus Payk.
rugulosus Say.
ruficrus Kirby, Steph.

O. PALLIPES Kirby, Steph. Edinburgh; Dunbar; south of Scotland.
depressus Gyll.
complanatus Erich.

O. DEPRESSUS Grav. Erich. Steph. Common.
pusillus Mannerh. Steph.
tetracarinatus Block.

TROGOPHLÆUS Mannerh.

OXYTELUS Gyll.
CARPALIMUS Steph.
TÆNODOMA Mannerh.
TRENOSOMA Steph.

T. SCROBICULATUS Erich. Stichell Linn. Mr Hislop.

T. BILINEATUS Kirby, Steph. Edinburgh; Berwickshire; Aberdeen-shire; south of Scotland.
Erich.
corticinus Gyll.
var. inquilinus Erich.

T. FULIGINOSUS Grav. Erich. Penmanshiel. Mr Hardy.
Steph.

T. PUSILLUS Grav. (Aleo-chara) Erich. Steph.
fuliginosus Gyll.
corticinus Lacord.
picipennis Kirby, Steph.

THINOBIUS Kiesenwetter.

TH. LONGIPENNIS Heer. (Hom-
alota.) Among gravel, side of the Pease-
burn, Berwickshire. Mr Hardy.
ciliatus Kies.

COPROPHILUS Latreille.

OMALIUM Grav.
ELONIUM Leach.
ANTHOBIUM Lacord.

C. STRIATULUS Fab. Erich. Scarce. Edinburgh; Aberdeenshire;
Steph. Berwickshire, &c.
rugosus Oliv.
laesus Germ. (*Oxytelus.*)

DELEASTER Erich.

- D. DICROUS Grav. Erich. Raehills, and Braid burn, near Edinburgh.
 Steph. Rev. W. Little.
 Brassicæ Schrank. ? (*Staphylinus.*)
 Leachii Curtis, (*Lesteva.*)

MICRALYMMMA Westwood.

OMALIUM Gyll.

- M. BREVIPENNE Gyll. Erich. Between layers of shale rocks between tide-marks; Dalmeny; South Queensferry; Prestonpans; Dunbar; Berwickshire.
 Johnstonis Westw. Steph.

SYNTOMIUM Curtis.

- S. ÆNEUM Müller, Gyll. Erich. In moss. Edinburgh; Dalmeny; nigroæneum Curt. Steph. Raehills; Jedburgh; Berwickshire.

ANTHOPHAGUS Grav.

Erich.

LESTEVA Latreille, Steph.

- A. ALPINUS Fab. Erich. Steph. Dumfriesshire. Rev. W. Little.
 mandibularis Gyll.
 Lapponicus Mannerh.
 flavigennis Lacord.
 maxillosus Zetterstedt.

- A. CARABOIDES Lin. Erich. Steph. Dalmeny; Berwickshire; Aberdeen-shire, &c.
 testaceus Lacord.

- A. TESTACEUS Grav. Erich. Near Jedburgh. Rev. W. Little.
 Steph.
 Caraboides var. c. Gyll.

GEODROMUS Heer.

ANTHOPHAGUS Grav. Erich.
 LESTEA Steph.

- G. PLAGIATUS Fab. Heer. Erich. Perthshire; Berwickshire.
 Steph.

suturalis Lacord.
 longipes Mannerh. ?
 Hookeri Kirby, Steph.var. *Elytris nigris concoloribus.*
 nigrita Müller.
 globulicollis Mann. Steph.

G. CANALICULATUS Kirby, Near Edinburgh ; Raehills, &c.
Steph.
Kunzei Heer.

LESTEVA Lat.

L. BICOLOR Fab. Erich. Common, by borders of streams.
punctulata Lat.
obscura Payk. Steph.
intermedia Grav.
dimidiatus Panz. (*Carabus.*)
Staphylinoides Marsh.
(*Carabus.*)

L. IMPRESSA Kirby, Steph. Swamps. Berwickshire; Edinburgh;
punctata Erich. Aberdeenshire; Kinross-shire.
villosus Waltl. (*Anthophagus.*)

ARPIDIUM Erich.

OMALIUM Grav. Steph.

A. BRACHYPTERUM Grav. Near Edinburgh ; Dumfriesshire.
Erich. Hardy.
impressum Zetterstedt.
Gyllenhalii Sahlberg.

A. SUBPUBESCENS Kirby, In the blooms of broom and furze,
Steph. Berwickshire.
humile Erich.
myops Haliday.

ACIDOTA Leach.

A. CRENATA Fab. Erich. Steph. Rare. Dalmeny ; Caithness ; the
castaneum Grav. Grampians ; Milnegraden, Ber-
rufa Grav. Mann. wickshire ; Minto, &c.

A. CRUENTATA Mann. Erich. Among decaying fir-leaves, Penman-
rufa Gyll. Steph. shiel wood ; Raehills.

OLOPHRUM Erich.

ANTHOBIUM Steph.

O. PICEUM Gyll. Erich. Steph. Marshes. Raehills ; Dalmeny ; Ber-
Blattoides Ahrens. wickshire ; Aberdeenshire.

O. CONSIMILE Gyll. Erich. South of Scotland. Rev. W. Little.
Steph.
boralis ♀ Payk.

LATHRIMÆUM Erich.

- L. ATROCEPHALUM *Gyll. Erich.* Berwickshire ; Presmennan ; Edinburgh ; Minto ; Aberdeenshire, &c.
Steph.
melanocephalum Runde.
Marsh. Steph.
longipenne Kirby, Steph.?
unicolor Marsh. Steph.?

DELIPHRUM Erich.

- D. TECTUM *Payk. Erich. Steph.* Edinburgh ; Berwickshire ; south of laeve *Grav. (Omalium)* (not Scotland.
Steph.)

OMALIUM *Grav.*

- O. RIVULARE *Payk. Erich.* Common.
Steph.

incisum Grav.
cursor Müller.
Oxyacanthæ Lacord.
fuscum Steph.

- O. LÆVIUSCULUM *Gyll.* Beneath sea-weed. Berwickshire ; laeve *Steph.* (not *Grav.*) Dunbar ; Dalmeny.

- O. OXYACANTHLE *Grav. Erich.* Scarce. Raehills ; Dalmeny ; Berwickshire.
(not Steph.)
piceum Kirby, Steph.

- O. FOSSULATUM *Erich.* Not frequent. Edinburgh ; Berwickshire ; Aberdeenshire ; Kinross-shire.
cæsum Gyll. Steph. (not Grav.)

- O. CONFORMATUM *Hardy.* Near Penmanshiel. Mr Hardy.

- O. FLORALE *Payk. Erich. Steph.* Not common. Raehills ; Pease Viburni *Gyll. Steph.* bridge, Berwickshire ; Kinross-shire.
rufipes Fourc.

- O. STRIATUM *Grav. Erich.* Not common. Near Penmanshiel. Mr Hardy.
Steph.
minutum Oliv.

XYLODROMUS Heer.

- OMALIUM *Grav. Erich.*
Steph.

- X. CONCINNUS *Marsh. Steph.* Edinburgh ; Berwickshire.
Erich. Heer.

PHLŒONOMUS *Heer.*

OMALIUM Grav. Erich.
Steph.

Ph. *IOPTERUS Kirby, Steph.* Beneath bark. *Dalmeny Park; Pres-brunneum var. β Payk.* *mennan; Penmanshiel wood;*
lucidum Erich. Heer. *Mellerstain; Aberdeenshire.*
var. sordidum Kirby, Steph. *mesomelas Holme?*

Ph. *PUSILLUS Gyll. Erich. Steph.* Under bark of Scotch pine. *Berwickshire; near Edinburgh; Aberdeenshire; south of Scotland.*

ANTHOBIUM *Leach.*

A. *OPHTHALMICUM Payk. Erich.* Raehills. Rev. W. Little.
Steph.
pallidum Grav.

A. *SORBI Gyll. Erich. Steph.* Frequent.
ophtalmicum Grav. Lacord.
lutea Marsh. (Silpha.)
Steph.
testaceum Grav.

A. *TORQUATUM Marsh. Steph.* Flowers. Raehills; Edinburgh;
testaceum *Lacord.* Berwickshire; Kinross-shire.
mucronatum ♀ *Kirby, Steph.*
scutellare Erich.
montivagum Chevrier, Heer.
nigriventre Steph.?

A. *MINUTUM Fab. Erich. Steph.* Flowers. Berwickshire.
Ranunculi Grav. Steph.
picipenne Kirby, Steph.

PROTEINUS *Lat.*

P. *BRACHYPTERUS Fab. Erich.* Common. Raehills; Edinburgh;
Steph. East Lothian; Berwickshire; Kin-
ovatum Grav. (Omalium.) ross-shire, &c.
ovalis Kirby, Steph.

P. *ATOMARIUS Erich.* Girrict. Mr Hislop.

MEGARTHROUS *Kirby.*

OMALIUM Grav.
PHLŒOBIA Lacordaire.

M. *DEPRESSUS Payk. Gyll. Erich.* Edinburgh; Berwickshire; Dunbar;
macropterus Grav. Kinross-shire; Aberdeenshire.
pusillus Steph.

- M. SINUATOCOLLIS *Dej.* Berwickshire; Dalmeny; Aberdeen-shire.
Lacord. *Erich.*
depressus *Steph.*?
- M. DENTICOLLIS *Beck.* *Erich.* Raehills; Aberdeenshire; Berwickshire.
marginatus ♀ *Steph.*
emarginatus *Kirby,* *Steph.*
marginicollis *Dej.*
hemiptera var. a. *Illig.*
(Silpha.)
- M. HEMIPTERUS *Illig.* *Erich.* Raehills. Rev. W. Little.
depressum var. c. *Gyll.*
(Omalium.)
melanocephalus *Oliv.* (*Steph.*)
rufescens *Kirby,* *Steph.* ♂.
nitiduloides *Lacord.*
- PHLÆOBIUM *Dej.*
 MEGARTHIRUS *Steph.*
- Ph. CLYPEATUM *Müller,* *Erich.* Aberdeenshire; Berwickshire; Dalmeny Park, &c.
retusus *Kirby,* *Steph.*
flavus *Kirby,* *Steph.*
corticale *Lacord.*
- MICROPEPLUS *Lin.*
- M. PORCATUS *Fab.* *Erich.* *Steph.* Common.
sulcata *Herbst.* (*Nitidula.*)
- M. STAPHYLINOIDES *Marsh.* Less frequent. Edinburgh; Berwickshire; Aberdeenshire.
Erich. (not *Gyll.*)
Maillei *Guérin.*

APPENDIX.

I.

ADDENDA.

THE occurrence of the following insects has been ascertained while the foregoing pages were going through the press :—

HELOPHORUS RUGOSUS Oliv.	Dumfriesshire.	Rev. W. Little.
SCAPHISOMA BOLETI Panz.	Dumfriesshire.	Rev. W. Little.
PTENIDIUM LAEVIGATUM <i>Gilm. Erich.</i>	Dumfriesshire.	Rev. W. Little.
PT. APICALE Sturm. elongatulum Motsch. myrmecophyla Motsch.	Dumfriesshire.	Rev. W. Little.
EPUREA MELINA Erich. depressa Illig.	Near Edinburgh.	A. Murray.
DENDROPHAGUS (<i>Schön.</i>) CRE- NATUS Payk.	Black forest, Rannoch.	Mr Weaver.
ONTHOPHAGUS NUCHICORNIS <i>Lin. Steph.</i>	Ayrshire.	Mr J. P. Duncan.
ELATER TRISTIS <i>Lin.</i>	Black forest, Rannoch.	Mr Weaver.
GYMNÆTRORON STELLUM <i>Schön.</i>	Near Edinburgh.	Dr Lowe.
APION BETULAE <i>Chev. Schön.</i>	Kinross-shire.	A. Murray.
A. GLAUCINUM <i>Schön.</i>	Near Edinburgh.	A. Murray.
A. PUBESCENS Kirby, <i>Steph.</i> <i>Germ.</i>	Kinross-shire.	A. Murray.
A. GYLLENHALLII Kirby, <i>Dej.</i> unicolor Kirby. Aethiops Gyll.	Near Edinburgh.	A. Murray.
A. SALICIS <i>Schön.</i>	Near Edinburgh.	Dr Lowe.

APION AFER <i>Schön.</i>	Near Edinburgh.	A. Murray.
A. AETHIOPS <i>Herbst, Sahlb.</i>	Near Edinburgh.	A. Murray.
(not <i>Gyll.</i>)		
subceruleum <i>Steph.</i>		
marchicum <i>Gyll.</i> (not		
<i>Herbst.</i>)		
A. SEDI <i>Germ.</i> (not <i>Gyll.</i>)	Kinross-shire.	A. Murray.

II.

DELENDĀ.

HELOPHORUS GRISEUS Brulle, - - - p. 23, *supra.*
intermedius Muls.

III.

THE following insects, which are recorded as having been found near Edinburgh—both in Stewart's list published in the Wernerian Society's Transactions, Vol. 6, and in the *Entomologia Edinensis*—appear to have been inserted by mistake, or without due examination, and have therefore been excluded from the foregoing Catalogue, but are inserted here, till future investigations shall determine whether they are entitled to a place in a Scottish list or not.

<i>DRYPTA EMARGINATA</i> <i>Fab.</i>	“ Said to have been taken several years ago beneath marine rejectamenta at Leith sands on the authority of the Rev. J. Hope.” <i>Ent. Edin.</i>
<i>CHLAENIUS VESTITUS</i> <i>Fab.</i>	“ Banks of the Water of Leith, and margin of Lochend.” <i>Ent. Edin.</i>
<i>ANCHOMENUS (AGONUM.) SEX-PUNCTATUS</i> <i>Lin.</i>	“ Banks of the Water of Leith.” Sir P. Walker. <i>Ent. Edin.</i>
<i>PŒCILUS DIMIDIATUS</i> <i>Oliv.</i>	“ Taken near Corstorphine, and by the side of the Water of Leith to the west of Edinburgh.” <i>Ent. Edin.</i>

PŒLOBIUS HERMANNI <i>Fab.</i>	" Pond at Coates."	Sir Patrick Walker. <i>Ent. Edin.</i>
HYPHIDRUS OVATUS <i>Lin.</i>	" Pond at Coates ; Lochend."	<i>Ent. Edin.</i>
OTIORHYNCHUS LIGUSTICI <i>Lin.</i>	" Environs of Edinburgh."	<i>Ent. Edin.</i>
MOLYTES CORONATUS <i>Lat.</i> Anglicanus <i>Marsh.</i>	" A few specimens taken near Edinburgh by	Sir P. Walker." <i>Ent. Edin.</i>
LEMA (CRIOCERIS) ASPARAGI <i>Lin.</i>	" Taken near Edinburgh by	Sir P. Walker." <i>Ent. Edin.</i>
CHRYSOMELA GOETTINGENSIS <i>Lin.</i>	" Specimens have occurred near Coates, to	Sir P. Walker." <i>Ent. Edin.</i>
Coccinella (ANISOSTICTA <i>Chev. Muls.</i>) 19 - PUNC- TATA <i>Lin.</i>	" Near Coates."	<i>Ent. Edin.</i>
HELOPS CŒRULEUS <i>Lin.</i>	" Fields and woods near Edinburgh."	<i>Ent. Edin.</i>

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THE END.

ERRATA.

- Page 16, 7th line from top, *for "Sculopterus," read "Scutopterus."*
Page 26, 3d line from bottom, *for "Melanocephalus," read "Melanoccephalum."*



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